A Complete Bibliography of Publications in the *Journal of Systems and Software* (2020–2029)

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Title word cross-reference

+ [FvB24]. ′ [CCZ+24]. k [LMVRA+20].

-nearest [LMVRA+20].

161 [NBGC20a]. **19** [GMCA21, STM+22, Tok22].

2018 [EHB21]. **2020** [Ano20a, Ano20b, Ano20c, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x]. **2021** [Ano21a, Ano21b, Ano21c, Ano21q, Ano21r, Ano21t, Ano21s, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z]. **2022** [Ano22a, Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22r, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x]. **2023** [Ano23a, Ano23b, Ano23c, Ano23p, Ano23q, Ano23s, Ano23r, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x]. **2024** [Ano24a, Ano24b, Ano24j, Ano24l, Ano24k, Ano24m, Ano24n]. **25012** [GRV+21].

3 [RSL+21].

5 [GKAHMO22].

61131 [RSL+21]. **61131-3** [RSL+21].

A/B [QWGS24]. **abstract** [BN23, KKE21, PSZ21]. **abstracted** [YML+22]. **abstractions** [AGL21]. **academia** [WSL+20]. **academic** [FdSN+20, WCH+22]. **acceptance**

[Bat20, BbASP23, FFV+23, LNST21]. **access** [LSB+22, SLL20, SHWR22, SV20, WCH+22, WFM+24]. **Accessibility** [LSFE21, PFdMF21, ZFC+22]. **ACCORDANT** [CVC21]. **Accountability** [KR23]. **accuracy** [HELW20]. **Accurate** [HLW+23, KDB+21, KGL+22, WDXX23]. **achieve** [HPF23]. **Achieving** [BBND+20]. **acknowledged** [SB23]. **across** [DMAH24, GSF24, LCT22, MWY+22]. **action** [APB20]. **Actionable** [MDRdP+24]. **actions** [IZAD21, TTL20, DMD23]. **active** [CBW+23, HGHK24]. **activities** [DYZ+23, HELW20, PPMC22]. **activity** [DCMR20, KCMD21, NJF20, WFR21]. **ad** [FR20]. **Adaptable** [SSS21a, SSS21b]. **adaptation** [APAF21, QWG22]. **adapted** [HO22, LYG+24]. **Adapting** [IBP21]. **Adaptive** [AHT+21, ACD+21, LWSZ23, MBP20, SG20, TLXW23, AAW20, ACPM22, AMRS20, BH20, BFHC20, CCZ+24, GMS22, MN23, PGW+23, QWG22, RATS21, VWSCH23, WCGS23]. **additional** [VM24a]. **address** [BCLN21, HTC+23]. **Addressing** [MPP24, WLdCM22, ACC+20]. **adequacy** [LGKT22]. **admitted** [IZAD21, YZL+22, ZYZ+23]. **Adopting** [BCJI22, AGPR20]. **Adoption** [SvdBHV24, AF22, BGL+22, CPD20, GBT+20, LSFE21, MRA22b]. **advanced** [HTC+23]. **Advancing** [GF24, HM24]. **adversarial** [LXLZ20, QZS+24, QHC+24]. **advertised** [RFB20]. **advice** [AWA+22]. **Aerial** [ACA+23, VGS+23]. **Affect** [VBMB20, LNST21, NdOdO+22, SMdS+23]. **affecting** [AF22, MGSC22, Tok22]. **Affective** [BCF+22, OBCR23]. **Affirmed** [AMO21]. **after** [FKGN23, ZFGH+22]. **agenda** [ECMC20, MMB22]. **agent** [DLBE22]. **aggregated** [RV22]. **Aggregating** [VM24b]. **Agile** [BMHR21, OBCR23, ZH22, APB20, Bat20, BCLN21, BRO+22, BCJI22, KKH+21, KMAB20, LK23, LBMF+22, Mam23, Mec24, NdSR+21, RJ23, SHA21, UPP+22, VM24a, VM24b, WSL+20, ZH21, AF22, EMCN+22, OWGS23, VML21]. **agility** [BBND+20]. **agnostic** [RAGCSS+20]. **agreement** [LPS+23, DPGGP23, GPPDLF23]. **agriculture** [SSO+23]. **AI** [DMN+23, DL21, DBO24, FEBO22, HKP23, MRM+21, TGX+22, VKJ+21]. **aide** [CA20]. **Aiding** [PCC+20]. **Alcohol** [BIT24]. **algebraic** [LL23]. **Algorithm** [MLPC20, CHLT23, CCZ+24, FR20, SVVD21, XBS21, YLW+21, YZS22, YDP22, ZHLR23, dSIdÁ23]. **algorithms** [AA22, EM20, RF24]. **aligned** [VKJ+21]. **alignment** [CCR24, WKP20]. **allocation** [NJF20, Pie20, ZHLR23]. **along** [vRMG23]. **AMASS** [dlVRB21]. **amBiguous** [FGS23]. **AMon** [VWSCH23]. **among** [AWA+22]. **analyses** [AWMW20, HGH+23, SVVD21]. **Analysis** [ASK+23, EHB21, LHF22, TPGH20, AvdBG+24, ACC+20, AHFP24, ANC+23, APR24, AKMS23, BS23, BQR24, BSH+20, CFP+21, CDLN21, CSLN23, DD20, ETY+22, GCF22, GCSHB20, GFS21, GGMH23, HLL21, HOCK22, HS21, HSJB23, KDB+21, KAA+21, LATV22, LPS+23, LZP+20, LTZ+21, LL21, MVGHPT22, MFBP20, MCSAGB20, NdOdO+22, PKGA22, PBC+23, PCJNP23, SCdPL24, SH20, SCN+21, SGG22, ST24, WXL+20, WR22, YJZZ23, ZJXG20, ZGW+20a, ZXW20, dCMM+22]. **analysis-based** [ZJXG20]. **analytical** [HTC+23]. **analytics** [Ala21, CVC21, FEBO22]. **Analyzing** [MCY23, NLS+20, PKT24, SZ23, BPJ+22, ECS23, HCB+20, MAK+21, MSB23]. **anatomy** [LMZ+23]. **Android** [AIH20, ACC+20, BF22, CATA21, CDN+22, HMR21, LXL+23, MCY23, MWY+22, MREVEA+22, MCH22, OAH+23, PLP+20, TPGH20, WXL+20, WTS23, WCL23, XCH+20, dCMM+22]. **Android-specific** [WCL23]. **animation** [LM21]. **annealing** [PCJNP23]. **annotation** [LH24a, RF23].

annotation-based [RF23]. **anomalies** [RB23]. **Anomaly** [RFB20, ASKS20, DFC+23, PHLHM24]. **Anomaly-aware** [RFB20]. **Ansible** [OZVRD21]. **answer** [STW23, TXW+20]. **Ant** [KKRT24, BH20]. **Ant-colony** [KKRT24]. **anti** [ASCR23, BKG20, CAA+23, LMGK22]. **anti-patterns** [ASCR23, BKG20, CAA+23, LMGK22]. **anticipatory** [PTW22]. **antipattern** [vDDPZ24]. **Antipatterns** [SC22, ABT+22, TAT+23]. **anywhere** [ŠMKGH23]. **Apache** [BGL+20, CYW21, ISKB20, LQY+22, LCY+24, WCZW22]. **API** [HBSV+22, KFJA23, MWD24, MCY23, NMT+23, QWHH23, SWZ+20, SZ22]. **APIs** [POWGH22, THN20, WZZ21]. **app** [AF22, GGB+22, LXL+23, NdOdO+22, EKK+24]. **Application** [WGMT24, WXZL23, ZH21, DFT24, EM24, HSVMB20, HKP23, LLL+22, SBF20, SSS22, VGS+23, XCH+20, ZSCD22, BGM+21]. **Applications** [GRdAL23, KRSW22, PC23, ACC+20, AHP21, AXUO24, AWMW20, BF22, CAF22, DDPP23, DJS+22, ECL+22, GKB+21, GGB20, GGMB+22, GM20, HGHK24, IIK21, ISKB20, KRD+23, LSB+22, LDH22, LBCG23, NBGC20a, NBGC20b, OAH+23, PKB24, POWGH22, RAGCSS+20, SS23, SSO+23, SMKI23, TAF+20, VSTK21, VKG+23, WCZW22, WGMT24, WLdCM22, WTS23, XCZ23, XDL+22, YZS22, ZFC+22, ZNPR+23, SSS21a, SSS21b]. **applied** [MAP+20, SKG+24, YOH+23]. **Applying** [DPGGP23]. **appreciate** [Fei23]. **Approach** [AFJ+20, SVV24, AHP21, AA22, AS22, ALZ+20, AHT+21, BMP22, BRSR21, BEM+23, BL21a, BL21b, BFZC21, CDRV20, CVC21, CBDK23, CFP+21, CDET22, DBB20, EBAR21, FFV+23, GCLB22, GBSO20, HGHK24, HKP23, IIK21, KZTS22, KL20, KKL+21, KFJA23, KKE21, LWL20, LC20, LCS+24, Liu21, MOP24, NMT+23, NBGC20a, NBGC20b, PT21, PHLHM24, RPL+21, RATS21, RF23, SAZN22, TTB+23, WC20, WMS23, WC23, YJZZ23, ZCLP21, ZYZ+23, dCMM+22]. **Approaches** [LBCG23, ASM+21, DL21, FAFJ24, HH22]. **approximate** [LBF+21a, LBF+21b]. **approximation** [LBG+20]. **apps** [AAZB23, GCF22, LCT22, MCY23, MWY+22, MREVEA+22, NdOdO+22, PLP+20, RB23, WXL+20, WGL+22]. **April** [Ano20a, Ano21a, Ano22a, Ano23a, Ano24a]. **Arabia** [AF22]. **Arabian** [AAZB23]. **ARC** [RFB20]. **Architecting** [BNMW23, EKB+23, NBP24, MLS+21]. **Architectural** [ETD+24, Hei20, LLZ+22, MAK23, SBC20, dSS+22, BB22, CWGS23, HOAM23, MSRR22, MSB21, OEW22, PFW21, RPT23, VKLM21, dTMS21, SZ22]. **Architecture** [ÅKH+22, AFJ+20, BDLT21, BLTX21, GGB20, KZTS22, MMO22, WLS20, BMB20, FJvdW20, GW23, HKP23, KAW+23, KRS+21a, KRS+21b, LZP+20, MAK23, MdSKD22, PLL+23, RCA+22, TAF+20, WHK+23, WL24, ZLC+23, dDLSK23]. **Architectures** [SVV24, AÇCT21, BSH+20, CVC21, GMFO+21a, GMFO+21b, GGPR24, MCMA21, dORGCG23, SMB+20, ZTK+23]. **Archive** [MCSAGB20]. **Arduino** [RPM+22]. **areas** [FGRF24]. **argument** [NMT+23, SSP21]. **ARist** [NMT+23]. **ARM** [MCMA21]. **ARRAY** [TLXW23]. **arrays** [JT20]. **art** [BLHS23, Gir21, LHS+24, PTW22, UPP+22, AHT+21, CCZ+24]. **Artcode** [XTF+21]. **ARTe** [RPM+22]. **artifacts** [LHH+24]. **Artificial** [MMO22, GPF22, SFR23]. **ARTINALI** [AAG21]. **Aspects** [LK23, ZLS23]. **ASPLe** [AAW20]. **assess** [EBSB23]. **Assessing** [MDWS+23, POWGH22, CDRV20]. **Assessment** [AFJ+20, CND22, FC20, KRS+21a, KRS+21b, LHF22, PDDD20,

RBS+23, SHG24, SvdBHV24, SZ22, SYB+23, WJX+24, WMAL21]. **Asset** [DMN+23]. **Assets** [ZFGH+22, ZGHG+23]. **assign** [EBAR21]. **assignment** [MC20, WJX+24]. **assistant** [LCY23]. **assisted** [WZC+20]. **association** [CPC+23]. **associations** [YOH+23, ZJY+24]. **Assurance** [dlVRB21, NNG21, WFM+24]. **attacks** [HCB+20, QHC+24]. **Attention** [FZT+22, ZYL+22, CFF+23, HPZ+20, HLZ+23, YXLH24, ZFS+22, ZLX+22, ZSZ+22]. **attention-based** [YXLH24]. **Attribute** [LYZ+22, ASSH22, MRVS24, WCGS23]. **Attribute-Based** [LYZ+22]. **Attributes** [BLTX21, CAC20, MVŞ23, OAH+23]. **auditing** [LKP+21]. **Augmentation** [YWW22]. **augmented** [LZJ20, YZC+23]. **Augmenting** [BH20]. **August** [Ano20b, Ano21b, Ano22b, Ano23b, Ano24b]. **automate** [HG22]. **Automated** [BF22, CJR22, FZT+22, GRdAL23, GGPR24, GS21a, GS21b, LSB+22, NSL+21, PZDG21, SSS22, ZJXG20, ZHM+23, ABMV24, BB22, CLZ+24, GSF24, IIK21, KBPMJ20, LCC+23b, LLK+21, LXL+23, MCZX20, MDVB+23, MKB23, SAZN22, VGS+23, WCGS23, WMS23, ZHS+24]. **Automatic** [AMS23, FFV+23, JWZM20, RPR22, RMM24, SS23, SH20, SYB+23, ZTK+23, ZSZ+22, AMO21, BDMP21, CKM+20, CLNQ24, GJW+22, HELW20, NLS+20, WTS23, YMDM21]. **Automatically** [CZLN22, KBBD23, FGG+20, KZK22, LC20, OEW22, BGE+21, MFBP20]. **Automating** [SBM23, KKRT24]. **automation** [ABT+22, BDLR23, BVHHO23, BGE+21, KBPMJ20, WMLM22]. **automotive** [BB22, GCLB22, KRS+21a, KRS+21b, Vog20, WKP20]. **autonomic** [WFR21]. **Autonomous** [KRD+23, ALZ+20, CDP22]. **autonomy** [ŠMF+23]. **Autosar** [ZTK+23]. **availability** [SH20, SCB22, VSTK21]. **avant** [SM21]. **avant-garde** [SM21]. **avionics** [GBT+20]. **aware** [AZR+21, CNdLL20, GTT+20, HTB21, JSTW22, LSG+24, MdSKD22, QWHH23, RFB20, SCN+21, TSLHS21, TAF+20, WZZ21, WMH+24, WTS23, YWCX24, YAaO+21, ZZY+24, ZGW+20a, ZLX+22, ZLSY23]. **awareness** [SJH+24, Vog20, ZGLPA24, LSFE21]. **awry** [FAA22].

B [QWGS24]. **Babel** [PKT24]. **backdoor** [QHC+24]. **Backsourcing** [MLJ23]. **bad** [CAA+23]. **bag** [YZS22]. **bag-of-tasks** [YZS22]. **balance** [WKP20]. **balancing** [DTZ+22, PDDD20]. **bandits** [SG20]. **Bangladeshi** [SSO+23]. **banking** [Mam23]. **Barriers** [GW24, LSFE21, ZFC+22]. **BASBA** [SSS21a, SSS21b]. **Based** [BJB+21, FZT+22, LYZ+22, SVV24, SSS21a, SSS21b, ASCR23, Ala21, AXUO24, AS22, ALZ+20, AON+24, AWMW20, AFJ+20, APAF21, BKG20, BRSR21, BEM+23, BFHC20, BSH+20, BHP+21, CJR22, CCS20, CAF22, CBW+23, CAC20, CA20, CJZ+20, CLC+23, CFF+23, CZW20, CQZ+20, CDP22, CATA21, CDET22, CPD20, DLX+23, DWG+24, DD20, DFT24, DYZ+23, DL21, DSO20, DZY+23, DBB20, DLBE22, EN23, FR20, FC20, FFSB23, GGB+22, GKB+21, GTT+20, GS21a, GS21b, GDWK24, GM20, HDX+23, Hei20, HLS24, HXJ+20, HSJB23, ILUN21, IIK21, KSG+22, KKL+21, KBW+24, LATV22, LSB+22, LBF+21a, LBF+21b, LWL20, LC20, LDH22, LWL+23, LBH+24, LCS+24, LXLZ20, LCC+23b, LDT22, LCT22, LFFW23, LCW+24, MRVS24, MAP+20, MMDL23, MSC20, MAC+22, MMSM+23, MRA22b, MRR+20, MdOT23, NMG+20, NAZ22, NNG21, NNV+24, NDD+24, OWGS23, PKB24, PDDD20, POZ20, RSU+24]. **based** [RPR22, RFB20, RF23, RSVW23, dORGCG23, RF24, SLL20, SGV22, SB23, SMM23, THB22, TTL20, TAT+23, Tok22,

TGX+22, VSTK21, WGL+22, WHK+23, WGMT24, WYFZ24, WC20, WGY+20, WC23, XCH+20, XBS21, XCZ23, XLY+21, YJZZ23, YLHZ20, YZC+23, YWCX24, YXLH24, YAaO+21, YYW+24, ZJXG20, ZX23, ZHS+24, ZHLR23, ZGW+20b, ZYZZ21, ZB22, dSIdÁ23]. **Bayes** [OEW22, TLXW23]. **BDD** [IBP21]. **be** [DMAH24, MCZX20]. **beauty** [HBSV+22]. **Behavior** [ALSA21, ACA+23, BbASP23, JCNS+22, MWY+22, PSZ21, IBP21]. **Behavior-Driven** [ALSA21]. **Behaviour** [BM23, ZLS22]. **behavioural** [LB24]. **being** [Fei23, HO22, PPMC22, Tok22]. **benchmark** [BG24, DSB23, SM24, WUK+21, YMDM21, ZMLZ23]. **Benchmarking** [HH24]. **benchmarks** [HH22]. **Benefiting** [FAG+20]. **Benefits** [CRV23, BDLR23, KOPN22, TH24]. **BERT** [AXUO24]. **best** [NBP24]. **Between** [THN20, AA23, BFHC20, CXH+24, CPC+23, CJNDZ21, IZAD21, KdJPK+23, MLPC20, PFW21, SMM23, VM24b, WWC23, YOH+23, ZZL+23, dSIdÁ23]. **beyond** [WLdCM22]. **bi** [ZPL21, dSIdÁ23]. **bi-objective** [ZPL21, dSIdÁ23]. **bias** [RFS+21]. **bibliometric** [WMAL21]. **bidirectional** [BBW22, ZZY+24]. **big** [CBZZ24, CVC21, ISKB20, AX21]. **big-data** [CBZZ24]. **big.LITTLE** [MCMA21]. **bilingual** [YOH+23]. **binary** [SK22a, ZXW20]. **Bioconductor** [Gu23]. **Biometric** [VBMB20]. **bit** [SGW+22]. **BiTCN_DRSN** [CLC+23]. **Black** [LXLZ20, GBSO20, LZ24]. **Black-box** [LXLZ20, LZ24]. **bleeping** [YOH+23]. **Blended** [AC21]. **BLEU** [EBSB23]. **blockchain** [BLHS23, BMP22, LLZ+23, LKP+21, VDVC21]. **Board** [Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i]. **boilerplate** [LCS+24]. **Boolean** [WYFZ24]. **Boolean-specification** [WYFZ24]. **boost** [VVBGL+23]. **Boosting** [CXP+23, HHZW23]. **Boot** [MCH22]. **both** [GFS21]. **bots** [GDLM21, VCT20]. **boundary** [LCW+24, ZB22]. **boundary-condition** [LCW+24]. **bounds** [ACG+21]. **box** [CBC+24, GBSO20, LXLZ20, LZ24]. **BPEL** [DOG+23]. **BPMN** [CMP+20, CFP+21, DPRD21, VTS22]. **Brain** [WFR21]. **Brazil** [LSFE21]. **Brazilian** [PFC+23]. **breadth** [AES22]. **Breaking** [FEBO22, KVP23]. **Browsers** [GRdAL23]. **Bug** [LCY+24, TXW+20, AXUO24, AWHS22, DLX+23, EBAR21, FGG+20, JCNS+22, JST+23, KRP24, KCMD21, KGL+22, LYS+23, LSSZ21, NLS+20, PPB20, QZS+24, SK22a, TSLHS21, WLC+20, WCH+23, WGMT24, WJX+24, WZC+20, YWCX24, ZLS20, ZLSY23]. **bug-specific** [ZLS20]. **bugs** [ABMV24, AA22, JZW+21, KZK22, RF23, ZKDP22, ZMLZ23, ZRGJ21]. **Bugs4Q** [ZMLZ23]. **build** [JS22, MOP24, MAC+22]. **Building** [VKLM21, AZ21, RAGCSS+20, TAF+20, WZZ21, SSS21a, SSS21b]. **buildings** [HCB+20]. **builds** [BEAK21, JS22]. **Burr** [LDH22]. **Burr-type** [LDH22]. **business** [FEBO22, RK20, TAF+20, VTS22]. **business-aware** [TAF+20]. **businesses** [BGL+22]. **BXtendDSL** [BBW22]. **bytecode** [HLW+23, PBC+23].

C [PSGD23, SSP21]. **CafeOBJ** [RO22]. **Calculus** [ACD+24, ADS+22]. **Call** [SMH+23, AGL21, VHSB22]. **calls**

[CBMM20]. **Can** [BTSC+23, HG22, MCZX20, WUK+21, ABMV24, DMAH24, GAL20]. **Candidate** [AHT+21, SK22a]. **candidates** [NMRS22]. **capabilities** [VM24a]. **capability** [VML21]. **capture** [EMCN+22, JCNS+22]. **Capturing** [DBB20, FJvdW20]. **care** [SK22a]. **Carlo** [HGH+23]. **cascading** [HCB+20]. **Case** [WFM+24, AIH20, ASSH22, AAZB23, BRO+22, BFZC21, BMHR21, BDMP21, BGL+20, CACHA23, CHLT23, CQZ+20, ECL+22, EKK+24, FEBO22, FFV+23, FKF+23, GGP21, HG22, HLS24, HZT+20, IMTS23, KCMD21, LH24b, LWYW20, LCS+24, MAP+20, Mam23, MLPC20, MCH22, MAS23, PN21, SH20, SMB+20, SB23, aSLF+22, TST+21a, TST+21b, WR22, YOH+23, YU22, ZFS+22, dTMS21, vRMG23]. **case-split** [CHLT23]. **case-study** [YOH+23]. **cases** [KBBD23, MAP+20, NNG21, SKP20, SSS22]. **CASL** [CBW+23]. **casts** [PSGD23]. **Catalog** [CAA+23, DDPT20]. **Cataloging** [LMGK22]. **catalogue** [ASCR23]. **categorization** [MSRR22, NRRS20]. **categorize** [MICV23]. **categorizing** [AHL22]. **Causal** [XCZ23]. **causality** [Bro24, DWBA24]. **CausalRCA** [XCZ23]. **cause** [BSH+20, LCC+23a, NLS+20, XCZ23]. **causes** [BVHHO23, FGRF24, JZW+21, RMT+22, TRD+23, TSP20]. **CCStokener** [WDXX23]. **cell** [HXJ+20]. **cells** [MDWS+23]. **centers** [MH20]. **Centric** [WFM+24, LBCG23, MDVB+23, NNV+24, RAGCSS+20]. **certificate** [WXL+20]. **certification** [GGP21, GRV+21, dlVRB21]. **challenge** [GAB20]. **Challenges** [GCSHB20, MBO+22, NBP24, BLHS23, BGC20, BGL+22, CDET21, Gir21, KKH+21, LPPG20, dPPdJFF21, SJH+24, SWH+20, VDVC21, WCZW22, ZNPR+23]. **Change** [KAA+21, MBP20, DFT24, JWZM20, LWZ21, LCY+24, MSRR22, NMRS22, OZVRD21, ZWP+24]. **changed** [JZM21]. **Changes** [STM+22, AKMS23, KVP23, KGS23, LST20, MCY23]. **changing** [TH24]. **channels** [ZWP+24]. **Characteristics** [BVHHO23, MAS23, MSB23]. **characterization** [ABT+22, OSJB21, WDF+22, ZKDP22, BJB+21]. **characterize** [ALB20]. **Characterizing** [Hor21, dDLSK23, MSS21, dORGCG23]. **CharM** [dORGCG23]. **charts** [CWTL21]. **chat** [SHB21]. **ChatGPT** [NDD+24]. **checking** [CBC+24, CMP+20, DSO20, DLBE22, GAL20, LZ24, MDVB+23, ZWC+24, dSS+22]. **Checklists** [MBP23]. **checkpoint** [GSF24]. **checks** [CI24]. **Choosing** [DBO24]. **circle** [FEBO22]. **circuit** [BDS+24]. **CIT** [MAC+22]. **CIT-daily** [MAC+22]. **city** [MLGBRC24, MCDP24]. **class** [ASSH22, BHHQ+22, BN23, CZLN22, DZY+23, LWYW20, PGR24, RV22, RPL+21, SKHLS24, ZX23]. **class-level** [BN23, LWYW20, RV22]. **classes** [ZYZ+23]. **Classical** [HPP24, QWG22]. **classification** [AMO21, CKM+20, CLNQ24, DFT24, GDLM21, HELW20, KBPMJ20, MHOM22, NDP+21, NLS+20, OZVRD21, RPL+21, SC22, SKHLS24, XTF+21, YLW+21, YSB+21, ZLX+22, ALB20]. **classifier** [NDD+24]. **classifiers** [ZB22]. **Classifying** [LFH+22, LC20, RSU+24]. **click** [XDL+22]. **client** [HBSV+22]. **clients** [HBSV+22]. **climate** [VM24a, VM24b]. **clinical** [AAZB23]. **Clique** [FC20]. **Clone** [AS22, LLL+22, MRS20, MRR+20, NMRS22, RSL+21, WDXX23, ZNPR+23, ZFG+23, CTD+23]. **cloned** [NMRS22]. **clones** [ES24, BSGN21, vBD21]. **closure** [Mas22]. **Cloud** [RFB20, TTL20, BBF+21, CNdLL20, CDLN21, CSLN23, EM20, GGB20, GTT+20, HOAM23, HH24, ISKB20, KBW+24, MdSKD22, MYH+24, NAV+24, TGX+22, WZZ21, ZPL21, MH20]. **cloud-based** [KBW+24]. **Cloud-integrated** [RFB20].

clouds [CYW21, HTB21, LLWL22, YZS22]. **cluster** [HXJ+20]. **Clustering** [TCA22, FR20, MPGB22, SXL+22, XLY+21, YDP22]. **clustering-based** [XLY+21]. **clusters** [SCB22]. **CM** [CBW+23]. **CM-CASL** [CBW+23]. **CNN** [LWP+21]. **Co** [HTG+24, AA22, IZAD21, JZM21, NMRS22, OAH+23, THB22]. **co-change** [NMRS22]. **co-changed** [JZM21]. **co-evolutionary** [AA22]. **Co-Location-Resistant** [THB22]. **co-occurrence** [IZAD21]. **co-occurrent** [OAH+23]. **Co-simulation** [HTG+24]. **Code** [CND22, DXL+24, EHB21, LPPG20, NNV+24, SELS21, VBMB20, ZYL+22, AA23, ASKS20, ACC+20, AES22, ANC+23, BSGN21, BN23, CLZ+24, CJZ+20, CXH+24, CTD+23, DN21, FRC24, FFSB23, GJW+22, GSM+23, GDWK24, HMR21, HS21, HELW20, Hor21, HPZ+20, HLZ+23, HHJ+20, HZT+20, HM24, HYF+24, HHZW23, JSTW22, KBPMJ20, LALM23, LLL+22, LNST21, LWP+21, LYG+24, LDT22, LAL+23, MAP+20, MFBP20, MICV23, MCH22, MHOM22, MLBD21, MRR+20, NAD+20, NDD+24, OSM+23, OEW22, DDPT20, PZDG21, PDDD20, PCC+20, PdS23, RBS+23, RB23, SK22b, SAZN22, SKG+24, SRD+21, SMVC24, TTB+23, TOO+23, WDXX23, WTG23, YZC+23, YWS23, YXLH24, YU22, YWLZ23, ZNPR+23, ZCLP21, ZFG+23, ZZY+24, ZPSW24, ZSZ+22, ZWP+24, ZZP21, vBD21, FAG+20, EBSB23, SWG+20, WUK+21]. **Code-centric** [NNV+24]. **code-driven** [CTD+23]. **Code-quality** [CND22]. **codebases** [AvdBG+24]. **CodeBERT** [NDD+24, YZC+23]. **CodeBERT-based** [NDD+24]. **Coder** [GPPDLF23]. **CoDEvo** [SOMSCT23]. **coding** [ACSJ23]. **cognitions** [LWC20]. **Cognitive** [LALM23, PdS23, AA23, EN23, KL20]. **Cohen** [PDGMT20]. **coincidental** [SKP20]. **Colla** [BEM+23]. **Colla-Config** [BEM+23]. **collaborating** [ACA+23]. **collaboration** [CFP+21, HSJB23, ROL21]. **collaborations** [CMP+20, WSL+20]. **Collaborative** [DAML23, APR24, BEM+23, CBW+23, DLX+23, DPGGP23, FCW+23, LXYL20, RCA+23, SGW+22]. **collect** [MN23]. **collective** [ACD+24]. **collectivism** [ZLS22]. **Colombia** [MVGHPT22]. **colony** [BH20, KKRT24]. **colored** [APR24]. **Column** [SOMSCT23]. **combination** [LXYL20]. **combinations** [HZT+20]. **combinatorial** [BG24, DYZ+23, JT20, MPP24, MAC+22]. **Combine** [CLZ+23]. **combining** [BBW22, CYW21, TTB+23]. **comment** [LWP+21, RPL+21, RBS+23]. **commenting** [HHJ+20]. **comments** [BGE+21, BSGN21, GDLM21, RMOGA20, STW23]. **Commit** [SKHLS24, DCMR20, ETY+22, HELW20, PMDN20]. **Commit-time** [SKHLS24]. **commits** [AES22, LQY+22]. **common** [ES24, RMT+22]. **CommtPst** [HHJ+20]. **communication** [AÇCT21, AHL22, BDLT21, GS20, LCT22, SGG22]. **Communitie** [LCP+24]. **community** [ES23, FVDF21a, FVDF21b, GW23, KR23, PT21]. **community-wide** [FVDF21a, FVDF21b]. **companies** [DBO24, VHB21, ZH21, ZH22]. **companion** [RPT23]. **company** [APB20, VM24b]. **comparative** [XLY+21, ZGW+20b, vBD21]. **compared** [WGL+22]. **Comparing** [CTD+23, KGS23]. **Comparison** [CBW+23, EFPC21, JLL23, KRLS+20, LPS+23, SGV22, TGG21]. **Comparison-based** [CBW+23]. **comparisons** [Tai24]. **competence** [AWA+22]. **competencies** [AGP22, HNM+24]. **competing** [BFHC20]. **complement** [JWZM20]. **complete** [ZGW+20a]. **Complex** [AAG21, EKB+23, LWSZ23, MCSAGB20]. **Complexity** [LALM23, AM23, Tai20]. **Component** [CCS20, BRS23, DSO20, Hei20].

Component-based [CCS20, DSO20, Hei20]. **components** [BMB20, BGL+22, LMZT22]. **composite** [WZZ21]. **composition** [CZW20, RFB20, RFB+22]. **compositional** [HKP23]. **Comprehending** [MCDP24]. **comprehension** [AGL21]. **comprehensive** [BGC20, RPS+23, SXL+22, XLY+21, YWS23, YMDM21, MCSAGB20]. **computation** [Mas22]. **Computational** [BFL23, AM23, SGW+22]. **computer** [HTC+23, YOH+23]. **computing** [CDLN21, CSLN23, DHM+21, DTZ+22, GTT+20, GM20, KAW+23, KI23, MPGB22, PBC+23, PGR24, TGX+22]. **Concept** [WZZ21, AC21, ROL21]. **Concepts** [LSBG21]. **conceptual** [BEAK21, HGH+23]. **concerns** [BFHC20, LFLS24, LTJ+20]. **concolic** [CI24]. **concrete** [KKE21]. **concurrency** [KZK22, QZS+24]. **concurrent** [ZWC+24]. **condition** [LCW+24]. **conditional** [ZXW20]. **conditionals** [FFV+23]. **conditions** [AHP21]. **confidence** [BHP+21, TGG21]. **confidence-based** [BHP+21]. **confidentiality** [Ala21]. **confidentiality-based** [Ala21]. **Config** [BEM+23]. **configurable** [CBDK23, FVDF21a, FVDF21b, FKF+23, LABJ23, LSG+24, LBH+24]. **configuration** [BEM+23, CBZZ24, CYW21, PAM+21, SWH+20]. **Configurations** [AFJ+20, MOP24]. **Configuring** [ACA+23]. **conflict** [LWC20, LLW+23, LCW+24]. **ConflictBench** [SM24]. **conflicts** [AMS23, DBM+24]. **Conformance** [SZ22, dSS+22]. **confusing** [TOO+23]. **connectedness** [AWA+22]. **consensus** [BLHS23, MN21b]. **consequences** [BVHHO23]. **CONSERVE** [JRM+22]. **Considerations** [BGL+22]. **considering** [DZY+23]. **consistency** [CI24, KKL+21, ZWC+24]. **constants** [FC20]. **Constrained** [JT20]. **constraints** [CHLT23, MDVB+23]. **construct** [BFL23]. **constructed** [IMTS23]. **construction** [CLZ+24, MC20, RAGCSS+20, RF24, WZC+20]. **constructs** [PSZ21]. **consultation** [EKHJ+20]. **consumption** [DLV+22, TBD+23]. **contact** [GCF22]. **contact-tracing** [GCF22]. **container** [BQR24, KBP24, RAGCSS+20, TBD+23]. **container-centric** [RAGCSS+20]. **containers** [JRM+22, LWZ21, RRFD24]. **content** [CA20]. **Context** [ZZY+24, AdlBGZ+23, ECS23, FdSN+20, HLL21, MMDL23, YWCX24, ZWC+24]. **Context-aware** [ZZY+24, YWCX24]. **context-oriented** [ECS23, MMDL23]. **context-sensitive** [AdlBGZ+23, HLL21]. **contexts** [OWGS23]. **Contextual** [ZYL+22, DFB20, RSU+24, SG20]. **Contextualizing** [PMDN20]. **continue** [Mam23]. **Continuous** [GAB20, SB23, TC22, ÅKH+22, CDET22, ETD+24, JS22, LWYW20, SFR23, WMLM22, YLHZ20]. **contract** [CLZ+23, CLZ+24, CFF+23, LFFW23, NNG21, VDVC21, VCT20, WCH+23, YAaO+21, YWLZ23]. **contract-based** [NNG21]. **contracts** [ACG+21, DLV+22, LKP+21, PBC+23, YML+22]. **contribution** [YCWD23]. **contributions** [CND22, KHEC+23, SWG+20]. **control** [ALZ+20, CWTL21, CCR24, HIDT21, KBPMJ20, LSB+22, LSBG21, MLPC20, Mas22, SHWR22, PBC+23]. **Control-Flow** [PBC+23]. **controlled** [DFB20, KZK22, MDWS+23, PSZ21, WMS23, ZMLZ23]. **controller** [KBP24, VSTK21]. **controllers** [NMG+20]. **convergence** [LLW+23]. **Convolutional** [LFFW23, NDP+21, AAB+22, CLC+23, CFF+23]. **cooperation** [CA20]. **cooperative** [KRS+21a, KRS+21b]. **coordinated** [ZZTC23]. **coordination** [RCA+22, SM20b]. **Copilot** [DMN+23]. **coping** [TSP20]. **COPS** [YWCX24]. **Corona** [EKK+24]. **Corona-Warn-App** [EKK+24]. **correct** [SKP20, SAZN22].

correction [LTZ+21]. **Correctness** [CMP+20]. **correlates** [KMAB20]. **correlation** [WWC23]. **correlations** [PFW21]. **Corrigendum** [NBGC20a]. **cosine** [ZHLR23]. **Cost** [GGMB+22, ISKB20, AHT+21, BS23, EM20, RJ23]. **Cost-effective** [GGMB+22, AHT+21]. **Cost-efficient** [ISKB20]. **costs** [BDLR23, WL24]. **count** [LDH22]. **coupling** [ZZL+23]. **course** [EKHJ+20, SMM23, YU22]. **coursework** [EKHJ+20]. **covariate** [NJF20]. **cover** [BH20]. **Coverage** [WLL+24, GF24, HZT+20, KBG+24, MAP+20, RF24, ZZTC23]. **coverage-directed** [RF24]. **Coverage-guided** [WLL+24]. **covering** [DWG+24]. **COVID** [GCF22, GMCA21, STM+22, Tok22]. **COVID-19** [GMCA21, STM+22, Tok22]. **CPS** [BHP+21, LZB+23]. **CRAN** [MCSAGB20, Gu23]. **CRAN/Bioconductor** [Gu23]. **crashing** [XZY+20]. **created** [FGG+20]. **creating** [HKP23]. **creation** [FFV+23]. **creative** [DBB20]. **Creativity** [GBMF22]. **criteria** [DWH23, ÖS20, ST24]. **critical** [APR24, HIDT21, JLL23, KBBD23, LPS+23, LLK+21, MSKS24, SJH+24, WFM+24, WR22]. **Cross** [CCC+24, DJR+22, QZS+24, ES24, BS23, BL21a, BL21b, LMR+23, NRRS20, TLXW23]. **Cross-Domain** [DJR+22]. **cross-language** [ES24, LMR+23]. **cross-platform** [BL21a, BL21b]. **Cross-project** [CCC+24, QZS+24, BS23, TLXW23]. **crossover** [LLW+23, MPP24]. **CrossRec** [NDDD20]. **Crowd** [THN20, MRA22b, NIJ22]. **crowd-based** [MRA22b]. **Crowdsourced** [ALSA21, LFH+22]. **crowdsourcing** [BGC20, ILUN21]. **CSGVD** [TTB+23]. **CSP** [LZP+20]. **CSVD** [CCC+24]. **CSVD-TF** [CCC+24]. **CTL** [ADS+22]. **cue** [QWHH23]. **Cultural** [LCP+24, ZLS22]. **Current** [SFR23, LLL+22, ECMC20]. **Custom** [RSL+21]. **Custom-tailored** [RSL+21]. **cuts** [GFS21]. **CVE** [WZC+20]. **CVE-assisted** [WZC+20]. **Cyber** [AAG21, SSZ20, vDDPZ24, ACD+21, BRS+22, BGM+21, BCW21, DSM20, FKF+23, GB20, GCLB22, GAB20, LTJ+20, MFF+24, RATS21, SCN+21, dlVRB21, BJB+21, VWSCH23, ZKDP22]. **Cyber-Physical** [AAG21, SSZ20, ACD+21, BGM+21, BCW21, DSM20, GB20, GCLB22, GAB20, LTJ+20, SCN+21, dlVRB21, BJB+21]. **cybersecurity** [ZGLPA24]. **cycle** [RK20, RATS21]. **cyclic** [LHN20].

daily [MAC+22, MAC+22]. **dark** [Mec24]. **Data** [FGRF24, GRV+21, LTZ+21, LYZ+22, MBO+22, RJ23, ROL21, VKG+23, YWW22, AMHB24, CBZZ24, CVC21, CCR24, CLNQ24, DWG+24, DJS+22, FC20, HGHK24, HOCK22, ISKB20, KBW+24, LDH22, LLWL22, LCC+23a, MHH21, MH20, NHA20, NBGC20a, NBGC20b, Pat20, PDDD20, PFC+23, PMDN20, SHWR22, ZHM+23, ZPSW24, AX21]. **Data-driven** [RJ23, CCR24, HGHK24]. **data-related** [FGRF24]. **Database** [Tai24, ALB20, AHP21, BMB20, LMZ+23, SOMSCT23, Tai20, TGG21]. **datacenters** [AZR+21]. **dataflow** [SS23]. **dataflows** [LtBD24]. **datamorphic** [ZB22]. **dataset** [CLZ+24, DFC+23, FGG+20, FVDF21a, FVDF21b, GDLM21, WUK+21, WZC+20]. **days** [DL21]. **DBT** [WDF+22]. **deal** [GPF22]. **Debt** [WB23, AAB+22, BGMB20, BVHHO23, FAG+20, FRP+23, IZAD21, KRLS+20, LLST20, LBT+21, MCDP24, RMT+22, TKSC20, VKLM21, VCF22, VHB21, WMA+24, ZYZ+23, dTMS21, MFLS22]. **debts** [OMA+22, YZL+22]. **debugging** [HH22, HCC22, MHJW22, SXL+22, WTS23,

ZMLZ23]. **decade** [RBS+23]. **decades** [GMFO+21a, GMFO+21b, SGM23]. **December** [Ano20c, Ano21c, Ano22c, Ano23c]. **Decentralized** [ŠMF+23]. **decision** [AKBN20, BS23, MBP23, RPT23, ŠMF+23, SMdS+23, ZXW20]. **decision-making** [MBP23, RPT23, ŠMF+23]. **decisions** [KRC23, NBP24, PMDN20, YSB+21, SZ22]. **declarative** [BBW22]. **decoder** [ZZY+24]. **decompilation** [HSVMB20]. **decompiler** [HSVMB20]. **decrease** [LLST20]. **deductive** [AHP21, LH24a]. **Deep** [BN23, GDWK24, JST+23, LLL+22, ZSF+23, AAB+22, CDLN21, DXL+24, GBK+23, JZW+21, KRP24, LXYL20, MFPB24, MBO+22, QHC+24, SELS21, TTB+23, WLL+24, WJX+24, ZLS20, ZYZZ21, GTT+20, HHJ+20]. **DeepCover** [GF24]. **Defect** [ALB20, ASKS20, AKBN20, BS23, CXP+23, ET21, GBK+23, GS21a, GS21b, HXJ+20, LAL+23, LMVRA+20, SKHLS24, TLXW23, XLY+21, ZJXG20, ZJY+24, ZSCD22, ZYZZ21]. **Defects** [THN20, ALB20, DOG+23, GS21a, GS21b]. **Definition** [KOPN22]. **definitions** [MC20, THG20]. **Delay** [GS20]. **Delivering** [PGR24, CCR24]. **Delphi** [ZH21]. **demand** [RPT23]. **density** [HELW20, LMVRA+20]. **dependability** [LHS+24]. **dependable** [SJC+22]. **Dependence** [ZYL+22, LBG+20]. **dependencies** [HBSV+22, MOP24, Vog20]. **dependency** [Gu23, HG22, LMGK22, LBF+21a, LBF+21b]. **deploy** [XDL+22]. **deployed** [AM23, HH24]. **Deployment** [AÇCT21, AFJ+20, KRSW22, CAF22]. **depth** [AES22]. **derivates** [MLGBRC24]. **derived** [SZ22]. **Deriving** [AvdBG+24]. **Description** [FZT+22]. **Descriptions** [RMOGA20]. **descriptive** [WC20, WC23]. **Design** [BG24, LHS+24, SBC20, SZ22, WLS+21, ACD+24, BRSR21, CWGS23, CACHA23, FJvdW20, FNB+24, GGB20, IR21, LH24b, LLZ+22, NAZ22, NBP24, NNG21, PPMC22, PFW21, SZSV22, ZFC+22, CDRV20]. **design-pattern** [BRSR21]. **designs** [HQNR+22, MPP24, SZ22]. **detect** [AA22, KZK22, NDD+24, WC20]. **detected** [MCZX20]. **Detecting** [ES24, LDT22, SHWR22, DBM+24, WLLJ24, YML+22, BN23, GDLM21, NMRS22, YZL+22]. **Detection** [LPS+23, QHC+24, SV20, ASKS20, AS22, AZ21, ABT+22, BKG20, BRSR21, CLZ+23, CCC+24, CLZ+24, CAA+23, CLC+23, CFF+23, CBDK23, CSLN23, DFC+23, FRC24, HXJ+20, JST+23, LMR+23, LLL+22, LLW+23, LID+22, MCZX20, MMC24, MSRR22, MSB21, NMRS22, NAZ22, NNV+24, PHLHM24, PDDD20, RSL+21, SK22b, SELS21, SJC+22, SSP21, TRD+23, TTB+23, TAT+23, WDXX23, WTG23, YWLZ23, ZNPR+23, ZFG+23, ZX23, ZGW+20b, vDDPZ24]. **detector** [NRRS20]. **determinant** [Bat20]. **deterministic** [RZLC24]. **develop** [AAW20]. **developed** [LGKT22]. **Developer** [AES22, Fei23, AMS23, BGMB20, HATG21, HYF+24, RPS+23, SMdS+23, WLC+20]. **developer-informed** [RPS+23]. **developers** [AWA+22, BSDB20, CAC20, EBAR21, FGRF24, GGB+22, MFPB24, MCH22, MRA22b, NDDD20, PFC+23, PCC+20, SGG22, WCZW22, ZLS22]. **developing** [MKB23, WCZW22]. **Development** [ALSA21, ASCR23, BFL23, IBP21, KRSW22, PdS23, ÅKH+22, ACSJ23, APB20, AACC21, BCF+21, BCF+22, BCLN21, BRO+22, BBND+20, BCJI22, BM23, BL21a, BL21b, CCS20, CXH+24, CTD+23, CPD20, ECMC20, EKK+24, FvB24, GCSHB20, GM20, JH20, KKH+21, KKL+21, KR23, KMAB20, LSFE21, LGKT22, LBMF+22, MVGHPT22, Mec24, MMB22, MFLS22, MLJ23, NdSR+21, NAV+24, NBGC20a,

NBGC20b, PPMC22, PGR24, PN21, RPR22, RATS21, SWH+20, SSO+23, SHA21, SFR23, TSP20, UPP+22, VDVC21, VCB24, ZGHG+23, OWGS23, VML21]. **device** [GW24]. **devices** [LCT22]. **DevOps** [CVC21, DPA+24, GGP+24, WLS20]. **DevSecOps** [ZCL24]. **DHS** [RJ23]. **diagnostics** [DSM20]. **diagram** [CZLN22]. **diagrams** [BHHQ+22, SS23, SHWR22, ZXW20]. **Dialog** [FCW+23]. **differed** [NLTM23]. **difference** [YCWD23]. **Different** [FAFJ24, HTG+24, WJX+24]. **differential** [LXLZ20]. **Differentiation** [KdJPK+23]. **difficulty** [RSU+24]. **DigBug** [KGL+22]. **Digging** [IR21]. **Digital** [BNMW23, DJR+22, MH24]. **dimensional** [AAG21, LCC+23a]. **dimensionality** [CWGS23]. **dimensions** [ZCL24]. **direct** [SELS21]. **direct-learning** [SELS21]. **directed** [RF24, aSLF+22]. **directions** [IPB23, MMC24, RFB+22, SCB22]. **discipline** [KSG+22]. **Discovering** [ZB22]. **discovery** [GMS22]. **discrete** [LHN20]. **Discussed** [THN20, SHB21]. **discussions** [FRC24, NSL+21]. **Dispersion** [LCP+24]. **distance** [LMVRA+20]. **Distributed** [ADS+22, RSM+23, AZR+21, ACD+21, ACD+24, BSDB20, Bro24, HKP23, LLWL22, MPRX20, PHLHM24, RAGCSS+20]. **distribution** [RK20, dSIdÁ23]. **Diverse** [ZLW+23]. **diversification** [SMB+20]. **Diversified** [CZW20]. **Diversity** [KA22, HSVMB20, MLBD21, WKP20]. **Diversity-driven** [KA22]. **Do** [BCLN21, PSGD23, WYFZ24, AKMS23, BEAK21, Fei23]. **documentation** [BRO+22, Vid22]. **DoD** [RJ23]. **Does** [JST+23, LLST20, LNST21, BS23, FEBO22]. **Domain** [AFJ+20, DJR+22, BVHHO23, BPJ+22, BB22, CVC21, DL22, GKB+21, KBG+24, KL20, QZS+24, SZ22, SJC+22, VWSCH23]. **domain-adversarial** [QZS+24]. **Domain-based** [AFJ+20]. **domain-oriented** [DL22]. **domain-specific** [BPJ+22, KBG+24, VWSCH23]. **Done** [KOPN22]. **DongTing** [DFC+23]. **Don't** [ACG+21]. **drawbacks** [CRV23]. **drift** [WZZ21]. **drift-aware** [WZZ21]. **Driven** [ALSA21, DAML23, FBMR20, IBP21, KRSW22, PdS23, AIH20, BCF+21, BCF+22, BCF23a, BM23, CCR24, CTD+23, CDET22, EBAR21, FJvdW20, GB20, HGHK24, KA22, KFJA23, LYZ+22, NBGC20a, NBGC20b, RJ23, SSS22, VGS+23]. **drivers** [MMB22]. **driving** [ALZ+20]. **DSL** [MN21a]. **Dual** [LYZ+22]. **duplicate** [JST+23]. **duration** [YZS22]. **during** [ACSJ23, CXH+24, GBMF22, STM+22, Tok22]. **DValidator** [MOP24]. **Dynamic** [HPP24, MCMA21, PCJNP23, ACC+20, AdlBGZ+23, dACO21, ISKB20, MdSKD22, RFB+22, SMKI23, WXL+20, WTS23, ZXW20, dCMM+22, APAF21, GMS22].

E-SC4R [TCA22]. **EA4Cloud** [CNdLL20]. **Early** [LTJ+20, LL21, SCdPL24]. **easy** [AMHB24]. **ECCOLA** [VKJ+21]. **echo** [PSGD23]. **Eclipse** [KCMD21, NAV+24]. **economic** [MH20]. **ecosystem** [DMD23, Gu23, KVP23, LTZ+21, MCSAGB20, MAS23, dlVRB21, SMdS+23]. **Ecosystems** [ROL21]. **Edge** [MSC20, MYH+24, BBF+21, CAF22, CFF+23, DHM+21, DTZ+22, MPGB22, XDL+22, AM23]. **edge-based** [CAF22]. **edge-cloud** [BBF+21]. **Edge-Fog** [MSC20]. **EdgeWorkflow** [XDL+22]. **editor** [FBMR20]. **Editorial** [Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h,

Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i]. **edits** [JWZM20]. **education** [BTSC+23, CJNDZ21, GRLA20, KI23, SJH+24, SHG24]. **educational** [LH24b]. **effect** [AWA+22, BIT24, CAC20, LWC20, LST20, VM24a]. **Effective** [PLP+20, ZCZL23, AHT+21, CLC+23, GGMB+22, HXJ+20, MSMB21, NMT+23, ÖS20, QWHH23, XBS21, YJZZ23, YLW+21]. **effectiveness** [GBMF22, HM24, HYF+24, LWZ21, MH24, TGG21]. **Effects** [DFB20, JH20, RMT+22, SvdBHV24, Tai20, TSP20, VCB24, VHB21, WLC+20]. **efficiency** [MH24, TTL20]. **Efficient** [CBZZ24, MSMB21, Mas22, ZFG+23, BDS+24, FR20, HLL21, ISKB20, LCY23, YDP22, ZWC+24]. **efficiently** [EBAR21]. **Effort** [dACOdS23, DFB20, JH20, VCB24, dACO21, LGKT22]. **elastic** [VSTK21]. **Electricity** [AZR+21]. **elements** [CZLN22, OSM+23, SYB+23]. **elicitation** [BMHR21, GBMF22]. **embedded** [CCS20, HLZ+23, MVŞ23]. **embedding** [ES24, MRVS24, TTB+23, WJX+24, YWLZ23]. **embeddings** [HPZ+20, ZLSY23]. **emergence** [PT21]. **Emerging** [SHG24, ROL21]. **Emotimonitor** [EMCN+22]. **emotion** [IMTS23]. **emotions** [EMCN+22, HOCK22]. **empathize** [LH24b]. **Empathy** [GGMH23]. **Empirical** [ANC+23, GW23, LCP+24, MVŞ23, AKMS23, AM23, BCLN21, BBND+20, BAV20, BTSC+23, CXH+24, CATA21, GMCA21, GBMF22, GFS21, GW24, IZAD21, JST+23, LALM23, LST20, LNST21, LABJ23, LSG+24, LFH+22, LMZT22, LQY+22, LCY+24, NSR+23, OZVRD21, OMA+22, OSJB21, PLL+23, PDDD20, ROL21, SSO+23, SGV22, SXL+22, SBD23, SMVC24, THG20, TKSC20, WCZW22, WCH+23, WJX+24, ZKDP22, ZWY+22, ZRGJ21]. **Empowering** [GSF24]. **enable** [ZMLZ23]. **enabled** [DAP20, HTB21, LCY23, NBP24]. **Enabling** [BB22, KKL+21]. **encounter** [WCZW22]. **Encryption** [LYZ+22]. **End** [AAZB23, BSCS23, GM20, MDWS+23, NAV+24, SSO+23, BFL23]. **end-to-end** [NAV+24]. **End-user** [AAZB23, BSCS23, MDWS+23, SSO+23, BFL23]. **endpoint** [SZ22]. **Energy** [GS20, CNdLL20, LFLS24, PCC+20]. **energy-aware** [CNdLL20]. **Energy-Delay** [GS20]. **enforcement** [BRS23]. **enforcers** [RMM24]. **engagement** [Tok22]. **engine** [HIDT21]. **engineer** [CKP20, OBCR23]. **Engineering** [BFZC21, Bro24, DJR+22, DAML23, FBMR20, Gla23, PFdMF21, WFM+24, ZFGH+22, AĐHM23, AMRS20, AACC21, AGP22, BbASP23, BCW21, CDET21, CDP22, CTD+23, CJNDZ21, CDET22, DPD+22, DPGGP23, DBO24, ETD+24, EKHJ+20, EN23, FKGN23, GB20, GCLB22, Gir21, GPPDLF23, GGMH23, HNM+24, HLS24, IT23, KKH+21, KHEC+23, LSB+22, LFLS24, LGT+23, LK23, LBCG23, LHH+24, MFF+24, MWFK20, MRA22b, MdOT23, MKB23, PDGMT20, dPPdJFF21, SvdBHV24, SM20b, SMVC24, WFR21, WKP20, WMAL21, WGY+20, ZLS23, KZTS22, RFS+21]. **engineering-enhancement** [PDGMT20]. **engineers** [SM20a, STM+22]. **engines** [BQR24, PPM+21]. **enhance** [XTF+21]. **enhanced** [NDP+21, VTS22, ZLW+23, ZYZZ21]. **enhancement** [PDGMT20, ZCZL23]. **Enhancing** [CJZ+20, CDLN21, GRdAL23, PBC+23]. **enrichment** [DXL+24]. **Ensemble** [dACO21, BKG20, GSF24, dACOdS23]. **Enterprise** [SVAGB20]. **entities** [JZM21, OEW22]. **entity** [JWZM20, ZLS20]. **entropy** [YWLZ23]. **Environment** [MSC20, BBF+21, NMG+20, GMS22]. **environments** [GTT+20, LCY23, MPGB22,

PKB24, RFB+22, YAaO+21, ZPL21]. **equal** [ST24]. **Equivalence** [LZ24, MAK+21]. **equivalent** [MAK+21]. **Era** [AX21, ZGLPA24]. **erosion** [WL24]. **erroneous** [SSP21]. **Error** [TGG21, BDS+24, GF24, HM24, Liu21]. **errors** [CKP20]. **ERTMS** [NMG+20]. **ERTMS/ETCS** [NMG+20]. **ES6** [PZDG21]. **EsArCost** [WL24]. **established** [SM21]. **establishment** [IR21]. **estimates** [MGSC22]. **Estimating** [ETY+22, WL24]. **estimation** [JH20, RJ23, dSIdÁ23, dACO21, dACOdS23]. **ETCS** [NMG+20]. **Ethereum** [BMP22, HLW+23, PBC+23, YML+22]. **ethically** [VKJ+21]. **ethics** [Fei23]. **ethnography** [NdSR+21]. **ETL** [AZKR20]. **ETune** [CBZZ24]. **EUDability** [BFL23]. **European** [GCF22]. **evaluate** [SM24]. **Evaluating** [BHHQ+22, BSDB20, FVDF21a, FVDF21b, FAFJ24, LBG+20, LWZ21, NMRS22, dORGCG23, HH22, VKLM21]. **evaluation** [ÅKH+22, AON+24, CND22, CATA21, GGB20, GBMF22, IR21, LALM23, LSG+24, LLK+21, LWSZ23, MH24, PLL+23, RK20, RPS+23, SL20, SBM23, SZSV22, SMB+20, SBD23, XCH+20, YWY+21]. **Evaluations** [LL21]. **Event** [WTS23, AIH20, CSLN23, OSJB21, LCAC21]. **Event-aware** [WTS23]. **event-driven** [AIH20]. **evidence** [LMR+23, MSKS24, MdOT23, STM+22]. **evidence-based** [MdOT23]. **Evolution** [RB23, DSO20, HQNR+22, KFJA23, KGS23, LXLZ20, LTZ+21, OSJB21, RV22, SGM23, SOMSCT23, WCH+22, ZHS+24, ZWP+24]. **Evolutionary** [MLPC20, AA22, BRSR21, BFZC21, DOG+23, JCNS+22, WMS23]. **evolve** [AKMS23]. **evolving** [DSB23, IIK21]. **Examining** [SBF20, VM24a, WLC+20]. **example** [CJZ+20]. **example-based** [CJZ+20]. **examples** [Hor21, SRD+21]. **Exchange** [ASCR23, PKGA22, ACD+24]. **executable** [KBG+24, SBD23]. **executing** [VTS22]. **Execution** [AZKR20, LWL20, CI24, HIDT21, KBBD23, MN23, SH20, YAaO+21]. **existing** [ZMLZ23]. **experience** [BB22, FAA22, GKB+21, PGR24, SMM23, ZHM+23]. **experiences** [GRV+21]. **experiment** [AC21, DFB20, MDWS+23, PSZ21]. **Experimental** [FC20, MPP24]. **experimentation** [GAB20, SM21]. **experimented** [Fei23]. **experiments** [BCF+22, DPRD21, Fei23, MPP24, NSL+21, RFS+21, WMS23]. **expert** [CCC+24, CXP+23, MGSC22, NIJ22, SKP20]. **expertise** [HTG+24]. **Explainable** [CACHA23]. **Explaining** [CWGS23, MHJW23, TCA22, WCGS23, YZL+22]. **explanations** [BSCS23]. **exploit** [YZC+23]. **ExploitGen** [YZC+23]. **Exploiting** [YZL+22]. **Exploration** [HTC+23, AHFP24, SMKI23, SVVD21]. **exploratory** [CKP20, FSS23, FvB24, GCF22, LXL+23, MSMB21, ZZP21, ZB22]. **Exploring** [CJNDZ21, LMZT22, LQY+22, Pat20, SS20, VM24b, dCMM+22]. **exported** [DYZ+23]. **expression** [LL23]. **extended** [dACOdS23, MPGB22, PLP+20]. **Extending** [ABMV24]. **extensible** [FvB24]. **Extension** [GBMF22, GKAHMO22]. **extensions** [CHLT23, GAC20]. **extensive** [LWYW20, TSLHS21]. **Extent** [Vog20]. **external** [LAL+23]. **ExTrA** [CWGS23]. **extract** [SAZN22]. **Extracting** [DDCC24, FFV+23, SYB+23]. **extraction** [BCF23a, GF24, LCS+24, SS23, ZPSW24]. **eye** [HBSV+22].

FaaS [ES23]. **FaaSten** [YSB+21]. **Facilitating** [AGL21, NAV+24]. **facing** [SWH+20]. **Factors** [AF22, Gla23, SMdS+23, Tok22, FGRF24, LBT+21, LMZT22, MVGHPT22, MGSC22, MKB23, NdOdO+22, RCT22, SJH+24, SM20a, ZGW+20b]. **factory** [DHM+21]. **fail**

[BEAK21]. **failure** [BS23, CSLN23, JS22, SXL+22, TTL20]. **failures** [CDLN21, HSJB23, MPRX20]. **familiarity** [WLC+20]. **families** [MMSM+23, SSS+20]. **family** [DPRD21, RMT+22, SOMSCT23]. **far** [BS23, DPD+22]. **farmers** [SSO+23]. **Fast** [KDB+21, KBP24, WDXX23, LCW+24]. **Fault** [LLWL22, LWL+23, VHSB22, DSM20, FNB+24, Hu24, LWL20, LDH22, MCZX20, MHH21, MHJW23, MRM+22, WYFZ24, XBS21, XZY+20, YJZZ23, ZXW20]. **fault-based** [WYFZ24]. **Fault-tolerant** [LLWL22, FNB+24]. **faults** [DSM20, Dut24, LST20, OMA+22, SV20]. **Faulty** [SVV24]. **FCCI** [SKP20]. **feasible** [CBMM20]. **Feature** [DWBA24, MPFB23, NAZ22, SBM23, VVBGL+23, Vog20, CLZ+24, CAF22, CKM+20, DMAH24, EFPC21, EM24, HGH+23, LAL+23, MMDL23, MMSM+23, TLXW23, WGL+22, ZYZZ21, ZB22]. **Feature-based** [NAZ22, MMDL23, ZB22]. **feature-weighted** [TLXW23]. **featured** [SRD+21]. **features** [EM24, HYF+24, LFH+22, MHOM22, RSU+24, WGL+22, WHK+23, ZJXG20, ZPSW24]. **featuring** [CBDK23]. **FEBI** [HLW+23]. **February** [Ano20p, Ano21q, Ano22p, Ano23p, Ano24j]. **federated** [LLZ+22, PKB24, VCT20]. **Feedback** [DMAH24, CCR24, KDB+21, SHG24]. **female** [SSO+23]. **Few** [LYG+24]. **Few-shot** [LYG+24]. **fibre** [KBW+24]. **Field** [GKPS24, ADS+22, CBMM20, WMA+24]. **Field-sensitive** [GKPS24]. **fifty** [FKGN23]. **file** [WWC23]. **filter** [LCC+23b, LCW+24]. **filtering** [DLX+23, LXYL20]. **filtering-based** [DLX+23]. **Finding** [CKP20, DSM20, TST+21a, TST+21b, YOH+23, RF23]. **Findings** [BTSC+23]. **Fine** [CLZ+24, XCZ23]. **Fine-grained** [CLZ+24, XCZ23]. **Finite** [Ibi22]. **first** [LYS+23]. **fit** [Bat20, SS20]. **fix** [MFBP20, NLS+20]. **Fixed** [AHT+21]. **Fixed-Size-Candidate-Set** [AHT+21]. **fixes** [SK22a, WCH+23]. **fixing** [ASK+23, EBAR21, LSSZ21, WLC+20]. **FL** [LCC+23b]. **flakines** [TRD+23]. **flaws** [KRLS+20]. **flexibility** [SMH+23]. **Flexible** [CCR24, LCT22, VGS+23]. **FlexRay** [GAL20]. **FLOSS** [WSL+20]. **flow** [CCR24, SHWR22, PBC+23]. **focus** [CKP20, MLJ23]. **focusing** [NBGC20a, NBGC20b]. **Fog** [MSC20, PKB24, MPGB22]. **forced** [ŠMKGH23]. **forecast** [AAB+22]. **forecasting** [TKSC20, DCMR20]. **Formal** [LZP+20, BGM+21, CBDK23, CFP+21, HIDT21, LM21]. **formal-model** [HIDT21]. **formatting** [OSM+23]. **Formulas** [MPFB23, MLBD21]. **formulation** [ÖS20, Tai20]. **forum** [Pat20, YOH+23]. **Fostering** [Gla23]. **four** [SGV22]. **fragmentation** [BDS+24]. **FragQC**} [BDS+24]. **framework** [Ala21, AZ21, AWHS22, BGC20, BRS23, BBW22, CKM+20, DSB23, ECS23, FNB+24, GMS22, GTT+20, GM20, HDX+23, HGH+23, JRM+22, KRP24, KSG+22, KBG+24, KBPMJ20, MDVB+23, MCH22, MN21a, MRR+20, NAV+24, PKB24, RSVW23, SSS21a, SSS21b, VWSCH23, VGS+23, XCH+20, YYW+24, YSB+21, ZSF+23]. **frameworks** [BCLN21, HH24, HKP23, PPM+21, SBF20]. **frequencies** [VHSB22]. **frequency** [CKM+20, MLBD21]. **frequency-inverse** [CKM+20]. **fumes** [ACG+21]. **Function** [SL20, HLW+23, LL21, LFFW23, SSP21, VHSB22, YSB+21]. **Function-as-a-Service** [SL20, YSB+21]. **functional** [ACD+24, BFHC20, CJZ+20, CBMM20, GGPR24, GBT+20, KRS+21a, KRS+21b, NMG+20, GCLB22]. **furious** [vDDPZ24]. **fusing** [CCC+24, CXP+23]. **fusion** [ZWC+24]. **future**

[BLHS23, ECMC20, IPB23, MMC24, MMB22, RFB+22, SCB22, tBS23]. **Fuzzing** [KZK22, RZLC24, WLL+24, WMH+24]. **Fuzzy** [LBH+24, SKP20].

galaxy [OZVRD21]. **gambling** [CACHA23]. **Game** [BFZC21, GCSHB20, ASCR23, AA22, CTD+23, PPM+21, ASCR23]. **game-specific** [ASCR23]. **Game-theoretic** [GCSHB20]. **games** [ZGLPA24]. **gamification** [BTSC+23, dPPdJFF21]. **GAP** [DCMR20]. **garde** [SM21]. **gas** [ACG+21, DLV+22]. **Gated** [HHZW23, YZL+22]. **gates** [ZXW20]. **GCC** [ZRGJ21]. **GEML** [BRSR21]. **General** [BGC20, MVŞ23, ZYZ+23]. **generalization** [MWD24]. **generate** [AKBN20, DPRD21, LL23]. **generated** [GGB20]. **Generating** [AIH20, BFZC21, KBBD23, MFBP20]. **Generation** [FZT+22, BDMP21, DWG+24, DZY+23, GDWK24, Ibi22, KKRT24, KA22, KBPMJ20, LWP+21, LXLZ20, LCC+23b, LSSZ21, MCZX20, MMDL23, MFPB24, MRA22b, NAD+20, NHA20, aSLF+22, YZC+23, ZWY+22, ZLW+23, ZZY+24, ZYZ+23, ZSF+23, EBSB23]. **generative** [KKE21]. **generator** [BG24, DSB23]. **generators** [LH24a]. **Generic** [DWH23, LCC+23a]. **genetic** [AA22, XBS21]. **geo** [LLWL22]. **geo-distributed** [LLWL22]. **Geographical** [LCP+24]. **geographically** [AZR+21]. **German** [EKK+24, ZH21]. **Germany** [KBW+24]. **girls** [SGW+22]. **Git** [HHK20, DCMR20]. **Gitcoin** [CPC+23]. **GitHub** [ASCR23, CXH+24, DMN+23, DMD23, GSM+23, GDLM21, LYS+23, WWC23, WCH+22]. **GitLab** [EKHJ+20]. **Gitter** [SHB21]. **Global** [CDET21, BCLN21, MHH21, SM20b]. **globally** [BSDB20]. **GloBug** [MHH21]. **Goal** [LLW+23, LCW+24, DDCC24]. **Goal-conflict** [LCW+24]. **goes** [FAA22]. **Google** [Hor21, SWG+20]. **governance** [LLZ+23]. **government** [WSL+20]. **government-academia** [WSL+20]. **GPTSniffer** [NDD+24]. **GPUs** [CCS20]. **grained** [CLZ+24, XCZ23]. **Grammar** [RF24, BRSR21, NAD+20, ZHS+24]. **Grammar-based** [RF24, BRSR21]. **grammars** [MRVS24]. **granularity** [BCF23b]. **Graph** [BSH+20, DLX+23, FFSB23, LFFW23, ZYL+22, AGL21, CLZ+23, CFF+23, CCR24, KRP24, TTB+23, WTG23, YZL+22, ZLX+22, ZSZ+22, PBC+23]. **Graph-based** [BSH+20, FFSB23]. **Graph4Web** [ZLX+22]. **graphic** [QWHH23]. **graphical** [AC21, DPRD21]. **graphs** [AHT+21, RF24]. **gravity** [CKM+20]. **Greek** [Mam23]. **Grey** [VKG+23, GGP+24, ZHLR23]. **ground** [GDLM21, VGS+23]. **ground-truth** [GDLM21]. **grounded** [DPA+24, DPGGP23]. **group** [IR21, IT23, KI23]. **growth** [HCC22]. **GRuM** [VGS+23]. **GT** [GJW+22]. **GT-SimNet** [GJW+22]. **guarantees** [MH20]. **Guest** [FBMR20]. **GUI** [DFT24, RSM+23]. **guidance** [MDRdP+24, WR22]. **guide** [CXY+23, DBO24]. **Guided** [MLPC20, SMKI23, WLL+24]. **guidelines** [MLS+21, SZSV22, ZFC+22].

handle [ABMV24]. **handling** [ASSH22, KCMD21]. **Hansie** [MN21b]. **hard** [AMHB24]. **hardware** [BBND+20, SCN+21]. **hardware-in-the-loop** [SCN+21]. **harming** [FAG+20]. **Harmonizing** [DPA+24]. **health** [AAZB23, LGT+23, LWSZ23, MH24]. **Heat** [BIT24]. **heaviness** [Gu23]. **help** [BTSC+23, CKP20]. **helps** [PdS23]. **here** [SMH+23]. **heterogeneous** [AZR+21, CLZ+24, RCA+22]. **heuristic** [GBSO20, YDP22, ZWY+22, ZSF+23]. **heuristics** [BFHC20, SVVD21, SSP21].

Hierarchical [JSTW22, ZPSW24, ZYL+22, AGL21, APR24, GDWK24, ZSF+23]. **hierarchically** [LZJ20]. **High** [SCB22, SH20, WYFZ24]. **High-availability** [SCB22]. **high-order** [WYFZ24]. **higher** [SHG24]. **highly** [FKF+23, MAS23]. **highly-selected** [MAS23]. **Highway** [HHZW23]. **Hippo** [HIDT21]. **histories** [BN23]. **history** [ZWP+24]. **HMER** [LWL20]. **hoc** [FR20]. **holistic** [BL21a, BL21b, TGX+22, YWS23]. **Home** [ŠMKGH23, CR23, SMH+23, Tok22]. **home-based** [Tok22]. **hot** [SH20]. **HPC** [AHL22]. **HSP** [MAP+20]. **Human** [Gla23, LBCG23, MKB23, HM24, LGT+23, LCY23, MVGHPT22, ZLS23]. **Human-centric** [LBCG23]. **HUNTER** [TGX+22]. **hW** [GBSO20]. **hW-inference** [GBSO20]. **Hybrid** [FZT+22, Ala21, BMB20, HPP24, LH24b, Liu21, MAP+20, PN21, YZS22, ZCLP21, ZZTC23, ZHLR23, ZGLPA24, ZYZZ21, LWL20, MN21b]. **Hybridization** [TPGH20].

IADA [MdSKD22]. **iCoLa** [FvB24]. **ideal** [KSG+22]. **Identification** [MFLS22, ASM+21, HLW+23, LCW+24, NSL+21, SSS+20, SV20, XCH+20, ZJXG20, dCMM+22]. **identifiers** [NAD+20, PSGD23]. **identify** [RPL+21]. **Identifying** [MSB23, WXL+20, ZCL24, dTMS21, BGE+21, SKP20, ZYZ+23, BSGN21]. **identity** [LZ24]. **IEC** [GRV+21, RSL+21]. **IFML** [PLP+20]. **iFogSim** [MPGB22]. **iFogSim2** [MPGB22]. **IIoT** [DHM+21]. **image** [LFH+22]. **images** [CZLN22]. **Imbalance** [QWHH23]. **Imbalanced** [XZY+20]. **Impact** [CLNQ24, ZLS22, AMHB24, BS23, CR23, KCMD21, KHEC+23, KAA+21, MCY23, OSM+23, OAH+23, SMVC24, TRD+23, ZGW+20b, ZZP21]. **impacts** [KdJPK+23, LQY+22]. **impaired** [CXY+23]. **imperative** [BBW22]. **imperfect** [HCC22]. **Implementation** [LHN20, AC21, BG24]. **implemented** [MCDP24]. **implementing** [VKJ+21]. **Implications** [ZJY+24, ACSJ23]. **Implicit** [DMAH24]. **importance** [DZY+23]. **improve** [HELW20, JST+23, MHOM22, SSP21, WC20, dCMM+22]. **Improved** [SRD+21, CLC+23, YWCX24, ZCZL23]. **improvement** [HTC+23, MICV23, TTL20]. **improves** [WMLM22]. **Improving** [ASSH22, LCAC21, RZLC24, ZLS20, SZSV22, GJW+22]. **in-breadth** [AES22]. **in-depth** [AES22]. **In-situ** [VBMB20]. **In-the-field** [CBMM20]. **in-vehicle** [GAL20]. **Incivility** [FRC24]. **incorrect** [ASK+23]. **Incremental** [ZWC+24, KDB+21, LCW+24]. **Incremental-concurrent** [ZWC+24]. **independence** [AdlBGZ+23]. **indicators** [IT23]. **individual** [KdJPK+23]. **individualism** [ZLS22]. **Industrial** [GRV+21, DWH23, DSM20, FAA22, GAB20, IMTS23, KBPMJ20, KBP24, LCY23, MAP+20, MDWS+23, TST+21a, TST+21b, ZHM+23, ZLC+23, vRMG23, NSL+21]. **industry** [AF22, CJNDZ21, DAML23, HNM+24, LSFE21, OSJB21, RMT+22, ROL21, ZGLPA24]. **inefficient** [AHL22, PCC+20]. **Inference** [LBH+24, GBSO20, RSM+23, XCZ23]. **Infinite** [VCF22]. **Influence** [LCP+24, BGMB20, BIT24, MVGHPT22, MLGBRC24]. **Influencing** [FGRF24]. **information** [BDLT21, DFB20, Ibi22, LXYL20, LCS+24, MAP+20, RV22, SHWR22, TSP20, YWCX24]. **informed** [RPS+23]. **infrastructure** [DDPT20, RAGCSS+20]. **infrastructure-agnostic** [RAGCSS+20]. **infrastructures** [CAF22]. **Initiatives** [dPPdJFF21, TH24]. **injection** [LMGK22]. **Inner** [ECMC20]. **Input** [LABJ23, LSG+24]. **input-aware** [LSG+24].

inquiry [ZLC+23]. **insecure** [GSM+23]. **Insights** [LH24b]. **inspection** [NIJ22]. **inspectors** [NIJ22]. **instances** [AM23]. **instant** [SGG22]. **institutions** [WMAL21]. **instructional** [MRA22b]. **Instrumented** [GRdAL23]. **instruments** [FKGN23]. **integrated** [PPMC22, RFB20, RO22]. **Integrating** [APB20, EKHJ+20, Hei20, SK22a]. **Integration** [DZY+23, BMB20, BB22, DBO24, HPP24, JS22, LWYW20, LTJ+20, LMZT22, THG20, WMLM22, YLHZ20]. **integrative** [MMB22]. **Intel** [Ala21]. **Intelligence** [MMO22, FEBO22, GPF22, SFR23]. **intelligent** [CXY+23]. **intensity** [KGS23]. **Intensive** [KRD+23, BGL+22, VKLM21, ZGHG+23]. **intention** [SS20]. **Intentions** [Mam23]. **Inter** [GS20, AHL22, WHK+23, DPGGP23, GPPDLF23]. **Inter-Coder** [GPPDLF23]. **Inter-Process** [GS20, AHL22]. **Inter-Rater** [DPGGP23]. **inter-service** [WHK+23]. **Interaction** [CBDK23, BG24, JT20, LCY23, MAC+22]. **interactions** [dSIdÁ23]. **interactive** [Bro24, CACHA23]. **Interdisciplinary** [VHB21]. **interest** [dTMS21]. **interface** [LB24, SWZ+20, WGL+22, ZFC+22]. **interfaces** [DPRD21, SZSV22]. **interference** [MdSKD22]. **interference-aware** [MdSKD22]. **interleavings** [KZK22]. **intermittent** [SV20]. **internationalisation** [LXL+23]. **interoperability** [BGL+20, HPF23]. **Interpretability** [ZSCD22]. **interpreters** [CF23]. **intersection** [BFL23, CJNDZ21]. **Intervention** [IR21]. **intra** [WHK+23, ZJY+24]. **intra-defect** [ZJY+24]. **intra-service** [WHK+23]. **introducing** [BDMP21]. **Introduction** [BDLR23, EHB21, HS21, KRD+23, FBMR20, HMR21]. **intrusive** [CSLN23]. **invariants** [NHA20]. **inverse** [CKM+20]. **Investigating** [BbASP23, DFT24, ET21, JZM21, KdJPK+23, SSO+23]. **Investigation** [LCP+24, TOO+23, GS20, MVŞ23, ROL21, SXL+22]. **IoT** [CAF22, CPD20, EN23, GPF22, KRSW22, LZB+23, MdOT23, PKB24, POWGH22, RFB20, SBF20, SMB+20, TAF+20, VTS22]. **IoT-enhanced** [VTS22]. **ISO** [GRV+21]. **ISO/IEC** [GRV+21]. **isolate** [LWZ21]. **Issue** [AX21, EHB21, KRD+23, BDLR23, BCW21, CLNQ24, FRC24, FBMR20, GDLM21, HS21, LCC+23b, LSSZ21, RMOGA20, SHB21]. **issues** [CPC+23, FGRF24, GGB+22, HTC+23, LST20, MMC24, MH24, Mec24, RMOGA20]. **iStar** [GAC20]. **Iterative** [YYW+24].

January [Ano20q, Ano21r, Ano22q, Ano23q, Ano24k]. **Java** [CAC20, CA20, DD20, HSVMB20, HG22, HHK20, MREVEA+22, MLBD21, MSB23, SS23, SGV22, THG20]. **Java-based** [SGV22]. **Javadoc** [BGE+21]. **JavaScript** [JZM21, PZDG21, TOO+23]. **JITGNN** [KRP24]. **Job** [Bat20]. **Job-work** [Bat20]. **jobs** [ZPL21]. **joint** [CLZ+23, HPZ+20]. **Journal** [NBGC20a]. **journey** [ES23]. **judgment** [MGSC22]. **July** [Ano20r, Ano21s, Ano22r, Ano23r]. **June** [Ano20s, Ano21t, Ano22s, Ano23s, Ano24l]. **JUnit** [GKAHMO22, WC23]. **Jupiter** [GKAHMO22]. **Just** [KRP24, LID+22, AAB+22, CXP+23, NNV+24, ZSCD22]. **Just-In-Time** [KRP24, LID+22, AAB+22, CXP+23, NNV+24, ZSCD22].

K-Clique [FC20]. **Kaiaulu** [PKT24]. **Kappa** [PDGMT20]. **KDM** [dSS+22]. **KDM-represented** [dSS+22]. **keep** [PdS23]. **kernel** [DD20, DFC+23]. **key** [MAK+21, MMB22]. **keyword** [CZW20]. **kill** [ZZP21]. **KLEE** [ZWY+22]. **knowledge** [AAZB23, BLTX21, FJvdW20,

LLL+22, LSFE21, LAL+23, NdSR+21, OWGS23, RPT23, WGL+22, ZLSY23]. **knowledge-aware** [ZLSY23]. **knowledge-based** [OWGS23]. **Kotlin** [MREVEA+22]. **Kromaia** [BFZC21]. **Kubernetes** [TBD+23, VSTK21]. **Kulla** [RAGCSS+20].

L [CCZ+24]. **labeled** [HOCK22]. **labels** [SJC+22]. **Language** [MPFB23, ADG+20, AMRS20, ES24, ACD+24, BCF23a, BPJ+22, BBW22, CF23, CLNQ24, DDCC24, FvB24, KBG+24, LMR+23, LQY+22, NRRS20, PSZ21, PC23, RPL+21, VWSCH23, ZHS+24]. **language-parametric** [KBG+24]. **languages** [BB22, ECS23, GSF24, KBG+24, RSL+21, YOH+23]. **Large** [PN21, TPGH20, Bat20, BSDB20, CSLN23, DFC+23, IBP21, KKH+21, LST20, LK23, MSMB21, MSB23, PDDD20, PSGD23, PGR24, QWG22, SJC+22, UPP+22, WZC+20]. **large-scale** [Bat20, BSDB20, CSLN23, DFC+23, IBP21, KKH+21, LST20, MSMB21, PSGD23, SJC+22, UPP+22, WZC+20]. **latency** [BBF+21, MdSKD22]. **latency-sensitive** [MdSKD22]. **LAURA** [TAF+20]. **layer** [CAF22, NBGC20a, NBGC20b]. **layered** [BBW22, KL20]. **layout** [BHHQ+22, CATA21]. **layout-based** [CATA21]. **LCVD** [WTG23]. **LDA** [YOH+23]. **Leading** [WSL+20]. **leaks** [BF22, PCC+20]. **learned** [BDMP21]. **learner** [ZFG+23]. **learners** [CCR24]. **Learning** [JST+23, LSG+24, LH24b, MLPC20, PAM+21, QWHH23, YWS23, ZYL+22, ALZ+20, ES24, AWHS22, BKG20, BRSR21, BK20, BHHQ+22, BN23, CLZ+24, CJR22, CBW+23, CDLN21, DL21, DZY+23, DBB20, GTT+20, Gir21, GBK+23, HGHK24, HTC+23, HHJ+20, ILUN21, JZW+21, KR23, LLL+22, LC20, LXYL20, LYG+24, LAL+23, LLZ+22, MFPB24, MMB22, MRR+20, MBO+22, MRM+22, NNV+24, PT21, PDDD20, PGR24, QWG22, SvdBHV24, SELS21, SKG+24, SBM23, TTB+23, WLL+24, WJX+24, XZY+20, YLHZ20, YYW+24, ZJXG20, ZCLP21, ZHLR23, ZGW+20b, ZB22, ZSF+23]. **learning-based** [ALZ+20, DL21, DBB20, NNV+24, ZGW+20b]. **Legacy** [HOAM23, YAaO+21, ASM+21, PZDG21]. **legibility** [OSM+23]. **lessons** [BDMP21, OSJB21]. **level** [BN23, LWYW20, NMG+20, PPB20, RV22, ZLSY23]. **levels** [HTG+24]. **Leveraging** [AFJ+20, CF23, ZLSY23]. **Lexical** [CA20, LBG+20]. **Liability** [DMN+23]. **libraries** [NDDD20]. **library** [JZW+21, SWZ+20]. **licensing** [PKGA22]. **life** [RATS21]. **light** [MDRdP+24, Mec24]. **light-weight** [MDRdP+24]. **likely** [NHA20]. **limit** [PdS23]. **Line** [KZTS22, ACA+23, HPF23, KGS23, MRA+22a, NNG21]. **linear** [CCZ+24, LLNC21, YLW+21]. **linear-time** [CCZ+24]. **Lines** [DMAH24, AGPR20, BEM+23, BCF23a, CBC+24, CF23, CTD+23, EM24, LtBD24, POZ20, tBS23, APAF21]. **linguistic** [BCF23b, POWGH22]. **Link** [MLPC20, LMR+23]. **linking** [RPR22]. **links** [WCH+22]. **Linux** [DFC+23]. **Literature** [MYH+24, PFdMF21, SJH+24, VKG+23, AÇCT21, AWMW20, BAV20, dACOdS23, DAP20, DN21, DL22, GRLA20, GB20, GAB20, GGP+24, GPF22, HH22, LMR+23, LBT+21, LZB+23, LLZ+23, MMC24, MH24, MRA+22a, Mec24, MFLS22, MWFK20, MLJ23, MRM+21, OSM+23, PAM+21, PDGMT20, PSAB22, QWGS24, RBS+23, SL20, SHG24, Tai24, VDVC21, WFR21, WCL23, ZNPR+23, ZCL24, ZH22]. **Live** [AHFP24, CWTL21, KBP24]. **lived** [EKB+23]. **LLVM** [ZRGJ21]. **Load** [AFJ+20, AA23, DTZ+22, GGMB+22]. **local** [LCW+24]. **Localization** [LWL+23, Hu24, KGL+22, LWL20, LCC+23a, MMSM+23, MHH21, TSLHS21, VHSB22, XBS21,

XCZ23, YWY+21, YJZZ23, YWCX24]. **Localizing** [Dut24]. **locate** [PCC+20]. **Locating** [AHL22, JT20, LFFW23]. **Location** [THB22, EFPC21, EM24]. **locators** [DFT24]. **Log** [MFPB24, HDX+23, YCWD23]. **log-based** [HDX+23]. **logic** [BHP+21, SB23, BJB+21]. **logic-based** [SB23, BJB+21]. **logical** [KSG+22]. **logistics** [ZH21, ZH22]. **logo** [BCF23a]. **long** [EKB+23, GBT+20, SAZN22]. **long-lived** [EKB+23]. **longevity** [GW24]. **look** [LYS+23]. **Looking** [FGS23]. **looming** [GSM+23]. **Loop** [WTG23, SCN+21]. **Loop-oriented** [WTG23]. **LR** [RF24]. **LR-graphs** [RF24]. **LSTM** [LZJ20]. **LWS** [HDX+23].

Machine [ILUN21, ALZ+20, BKG20, BRSR21, BK20, BHHQ+22, DL21, DBB20, Gir21, GF24, HTC+23, MRR+20, MRM+22, PT21, PSZ21, PDDD20, QWG22, SvdBHV24, SKG+24, SBM23, ZGW+20b, ZB22, DD20, HLW+23, JCNS+22, THB22]. **machine-learning** [BKG20, PT21]. **machine-learning-based** [PDDD20]. **Machines** [Ibi22]. **Maestro2** [HTG+24]. **main** [SWH+20]. **maintainability** [MVŞ23, MSB23, SBM23]. **maintained** [MCH22]. **Maintaining** [BGL+20]. **maintenance** [AXUO24, DFB20, HELW20, TAT+23]. **makes** [DDPP23]. **making** [KRC23, MBP23, RPT23, ŠMF+23]. **malicious** [FR20, SJC+22]. **malware** [MMC24, dCMM+22]. **Management** [WB23, AKBN20, AZR+21, GTT+20, LWSZ23, MPGB22, MLPC20, MBO+22, NdSR+21, TGG21, Tai24, TGX+22, VVBGL+23]. **manager** [SHA21, WB23]. **Managing** [BBF+21, MSKS24, TH24, VSTK21]. **Manipulation** [EHB21, HS21]. **many** [DWH23]. **many-criteria** [DWH23]. **map** [CDP22, MGSC22, OEW22]. **MAPE** [SB23]. **MAPE-K** [SB23]. **Mapping** [DJR+22, SGM23, WLS20, AĐHM23, AACC21, AGP22, BRS+22, BM23, CJNDZ21, ETD+24, FdSN+20, GMFO+21a, GMFO+21b, GRLA20, HATG21, KI23, KAA+21, LMZ+23, LBMF+22, MAK23, MSB21, NdOdO+22, OBCR23, PPMC22, PC23, PTW22, dPPdJFF21, RATS21, UPP+22, WUK+21, WLdCM22, POZ20]. **March** [NBGC20a, Ano20t, Ano21u, Ano22t, Ano23t, Ano24m]. **Market** [ZPL21]. **Market-oriented** [ZPL21]. **Markov** [AKBN20]. **Masking** [FC20]. **mathematical** [MLBD21]. **matrix** [Hu24, RPR22]. **matter** [SM20a, TST+21a, TST+21b]. **mature** [MSS21]. **maturity** [FAFJ24, WMLM22]. **Maven** [HBSV+22, KVP23]. **Maximizing** [MMB22, JS22]. **May** [Ano20u, Ano21v, Ano22u, Ano23u, Ano24n]. **MBSE** [GBT+20, KSG+22]. **meaning** [LB24]. **means** [BSCS23, KSF20]. **measure** [LALM23]. **measurement** [LBMF+22, MFLS22, WFR21, ZNPR+23]. **measures** [VML21]. **measuring** [ZZL+23]. **mechanisms** [HHK20, HM24, NDP+21, TSP20]. **mechatronic** [VHB21]. **meetings** [SM20b, TC22]. **meets** [IMTS23]. **Membership** [LYZ+22]. **MeMo** [BGE+21]. **Memory** [HLL21, LWC20, WDF+22]. **mental** [BAV20, Tok22]. **merge** [AMS23, FFSB23, SM24]. **message** [LCT22]. **message-based** [LCT22]. **messages** [PMDN20, TGG21]. **messaging** [SGG22]. **meta** [FvB24, HSVMB20, NdSR+21, ZHS+24]. **meta-decompilation** [HSVMB20]. **meta-ethnography** [NdSR+21]. **meta-language** [FvB24]. **meta-model-based** [ZHS+24]. **metaheuristic** [ZYZZ21]. **metamodel** [HPF23]. **metamodels** [NDP+21].

metamorphic [BGE+21, LLNC21, SG20, aSLF+22, WXZL23, XTF+21, YWY+21, YLW+21]. **metaphor** [MLGBRC24, MCDP24]. **MeTeaM** [MSS21]. **method** [BKG20, CR23, JWZM20, KVP23, KRS+21a, KRS+21b, LWYW20, LXYL20, LM21, MSS21, NdSR+21, PPB20, SAZN22, VKJ+21, WGL+22, WZC+20, XBS21, ZCLP21]. **method-level** [LWYW20, PPB20]. **Methodology** [CNdLL20, AAW20, Bat20, CDRV20, Mec24, WUK+21]. **Methods** [KRD+23, AIH20, HHK20, HLS24, Mam23, MRM+21, PLL+23, SM20b, ZH21, ZH22]. **metric** [WUK+21, XZY+20]. **metrics** [AA23, CCC+24, CXP+23, EKHJ+20, HJK+21, LMZT22, MSS21, DDPT20, PT21, PHLHM24, Pat20]. **MGA** [DWG+24]. **mHealth** [AAZB23]. **Micro** [RRFD24, CDN+22, SGW+22]. **Micro-containers** [RRFD24]. **micro-rejuvenation** [CDN+22]. **microcontrollers** [RRFD24]. **MicroFog** [PKB24]. **Microservice** [AFJ+20, WHK+23, AÇCT21, AKMS23, BSH+20, CAA+23, CDET22, GGPR24, MPGB22, SS23, TAT+23, VSTK21, XCZ23, ZLC+23]. **microservice-based** [CDET22, TAT+23]. **Microservices** [WLS20, AKMS23, CJR22, DDPP23, GGP+24, HH24, LLST20, LKP+21, NSL+21, NSR+23, PKB24, PHLHM24, PSAB22, VTS22, WLS+21, ZZL+23, dTMS21]. **microservices-based** [PKB24]. **migrating** [LLST20]. **migration** [HOAM23, HTB21, KBP24, YAaO+21]. **million** [HBSV+22]. **MILP** [ZZTC23]. **minimal** [Mas22]. **minimization** [LMVRA+20, ÖS20]. **minimum** [XCH+20]. **Mining** [AAG21, BLTX21, GCF22, MLS+21, CBC+24, GGB+22, MWY+22, ZWP+24, dCMM+22]. **misbehaviour** [MRM+22]. **misexposure** [DYZ+23]. **Missing** [WGL+22]. **mission** [ACA+23, RCA+22]. **mission-specific** [ACA+23]. **mitigation** [WDF+22]. **mixed** [SM20b]. **mixed-methods** [SM20b]. **ML** [HGHK24, NBP24]. **ML-enabled** [NBP24]. **Mob** [SM21]. **mobile** [AXUO24, AAZB23, AF22, CXY+23, CDN+22, DTZ+22, GMS22, LSFE21, LFH+22, LCT22, NdOdO+22, NBGC20a, NBGC20b, SSO+23, WLdCM22, ZFC+22, SMdS+23]. **mobility** [MPGB22]. **modal** [CWTL21, GJW+22]. **modality** [YWLZ23]. **mode** [LH24b, RSVW23]. **mode-switching** [RSVW23]. **Model** [CDP22, CTD+23, DAML23, GKB+21, Gla23, GAL20, KRSW22, POZ20, SVV24, SBM23, BS23, BBW22, CBC+24, CVC21, CLC+23, CYW21, CDET22, DFT24, DLBE22, GB20, GDLM21, HIDT21, HLS24, HGH+23, HLZ+23, HCC22, IIK21, KKRT24, KSF20, KRLS+20, LLW+23, NBGC20a, NBGC20b, OZVRD21, RAGCSS+20, RSM+23, RSVW23, dORGCG23, SSZ20, SOMSCT23, VGS+23, YXLH24, ZZTC23, ZHS+24, ZSCD22, ZSF+23, FBMR20]. **Model-Based** [SVV24, CDP22, GKB+21, POZ20, HLS24, IIK21, RSVW23]. **Model-Driven** [DAML23, KRSW22, CTD+23, CDET22, GB20, NBGC20a, NBGC20b, VGS+23]. **model-reduction** [SSZ20]. **Modelica** [SSZ20]. **Modeling** [APR24, HCB+20, LZJ20, ALZ+20, BRS+22, BPJ+22, CBW+23, GTT+20, LBF+21a, LBF+21b, LHF22, MFF+24, RCA+23, CDRV20, DJS+22]. **Modelling** [SBC20, VTS22, AC21, BGM+21, BCJI22, LK23, SSZ20, ZTK+23]. **Models** [MLPC20, MPFB23, BFZC21, CJR22, CAF22, CLNQ24, CFP+21, DDCC24, DPRD21, EFPC21, ET21, EBSB23, FCW+23, GBSO20, GGMH23, Hei20, LATV22, LSG+24, LDH22, MICV23, MBO+22, NJF20, PLP+20, RK20, RJ23, SZ22, SFR23, TBD+23, VVBGL+23, WJX+24, XLY+21].

moderating [LWC20]. **Moderator** [RCT22]. **modern** [DN21, HM24, THG20]. **modernity** [AvdBG+24]. **modernization** [ASM+21]. **modification** [BN23]. **modular** [HPF23, SVVD21]. **module** [PGR24, YDP22]. **modules** [DHK+23, OEW22, PZDG21]. **moment** [CKM+20]. **monitor** [EMCN+22]. **Monitoring** [GGP+24, WGMT24, CBMM20, FR20, JRM+22, MN21a, MN23, SZSV22, VWSCH23, VGS+23, WLS+21]. **monitors** [ACD+21]. **monolithic** [LLST20]. **Monte** [HGH+23]. **month** [BCF+21]. **MontiThings** [KRSW22]. **morale** [BGMB20]. **motivations** [LSFE21, SWG+20]. **move** [WLdCM22]. **MPI** [DWG+24]. **MrsP** [ZGW+20a]. **MSL** [AMRS20]. **MSTIL** [QWHH23]. **MT** [CNdLL20]. **MT-EA4Cloud** [CNdLL20]. **Multi** [AAG21, AM23, AWHS22, BRS+22, DHM+21, QWHH23, SJH+24, CAF22, CXP+23, CYW21, CR23, DOG+23, DLBE22, GGP21, GJW+22, JWZM20, LTJ+20, LQY+22, LCC+23a, MPRX20, ÖS20, RPL+21, SRD+21, WMA+24, WMS23, YYW+24, YWLZ23, ZCL24, ZLSY23, LFFW23]. **multi-agent** [DLBE22]. **multi-case** [GGP21]. **multi-concerns** [LTJ+20]. **multi-criteria** [ÖS20]. **Multi-cue** [QWHH23]. **Multi-dimensional** [AAG21, LCC+23a]. **multi-entity** [JWZM20]. **Multi-factory** [DHM+21]. **multi-featured** [SRD+21]. **multi-language** [RPL+21]. **multi-layer** [CAF22]. **multi-level** [ZLSY23]. **multi-method** [CR23]. **multi-modal** [GJW+22]. **multi-modality** [YWLZ23]. **Multi-objective** [AM23, CXP+23, CYW21, DOG+23, WMS23]. **Multi-paradigm** [BRS+22]. **multi-programming-language** [LQY+22]. **multi-project** [WMA+24]. **Multi-Relational** [LFFW23]. **multi-task** [AWHS22, YYW+24]. **multi-tier** [MPRX20]. **Multi-triage** [AWHS22]. **Multi-vocal** [SJH+24, ZCL24]. **Multilayered** [DL21]. **Multilevel** [DD20, AGL21]. **multiple** [BRO+22, CAC20, FKF+23, HTB21, HLS24, LLNC21, SMVC24, XBS21, ZLW+23, ZYZ+23, dTMS21]. **multiple-case** [HLS24, dTMS21]. **multiple-fault** [XBS21]. **multiple-sampling-enhanced** [ZLW+23]. **multitasking** [RPM+22]. **multivariate** [ABT+22]. **Multivocal** [MYH+24, PSAB22, SL20, TRD+23]. **mutants** [MAK+21]. **Mutation** [LATV22, LWL20, TS22, BMP22, CF23, DWG+24, KDB+21, MAK+21, WYFZ24, YJZZ23, ZZP21]. **Mutation-based** [LATV22, DWG+24, LWL20]. **mutual** [HLZ+23, Ibi22].

Naive [OEW22, TLXW23]. **name** [SJC+22]. **named** [PSGD23, ZLS20]. **names** [PSGD23, WC20, WC23, ZCLP21]. **native** [NBGC20a, NBGC20b]. **natural** [DDCC24, PC23, YOH+23]. **navigate** [MGSC22]. **nearest** [LMVRA+20]. **need** [AES22, LDT22, WYFZ24, WLdCM22]. **needs** [DAML23]. **negative** [AMHB24, PPB20]. **neighborhood** [LMVRA+20]. **nervous** [WFR21]. **Nested** [LFFW23, ZGW+20a]. **nets** [APR24, SCdPL24, WLLJ24]. **Network** [FZT+22, MSC20, AWA+22, CLC+23, HATG21, HLZ+23, KRP24, LATV22, MCSAGB20, QZS+24, RF23, SZSV22, WTG23, YZL+22, ZLX+22, ZLS20, ZYZZ21, LBH+24, LFFW23]. **networking** [GAL20]. **Networks** [ZYL+22, AAB+22, CLZ+23, CFF+23, FR20, GJW+22, NDP+21, QHC+24, ZSZ+22]. **Neural** [HPZ+20, CLZ+23, JSTW22, KRP24, NDP+21, QZS+24, QHC+24, RF23, WTG23, YZL+22, ZLS20, ZYZZ21, HLW+23]. **Neural-FEBI** [HLW+23]. **Next** [dSIdÁ23]. **NFV** [HTB21]. **NHPP** [LDH22].

NHPP-based [LDH22]. **nine** [GCF22]. **NLI** [SWZ+20]. **NLP** [FFV+23, LCS+24, SCdPL24]. **NLP-based** [LCS+24]. **Noise** [BIT24, ASSH22, HTC+23]. **Non** [WDF+22, BFHC20, CSLN23, WC20, YU22]. **non-descriptive** [WC20]. **non-functional** [BFHC20]. **non-intrusive** [CSLN23]. **non-security** [YU22]. **Non-volatile** [WDF+22]. **NoSQL** [ALB20, AON+24, BMB20]. **NoSQL-based** [AON+24]. **novel** [CDRV20, DTZ+22, FGG+20, KZTS22, LKP+21]. **November** [Ano20v, Ano21w, Ano22v, Ano23v]. **novice** [BIT24, CKP20, CCR24, LWL+23, NIJ22]. **npm** [ANC+23, MAS23]. **Numerical** [MPFB23].

obfuscation [FC20]. **object** [CCZ+24, MCDP24]. **object-oriented** [CCZ+24, MCDP24]. **objective** [AM23, CXP+23, CYW21, DOG+23, WMS23, ZPL21, dSIdÁ23]. **objectives** [BFHC20]. **objects** [GM20]. **Observability** [GRdAL23, LCAC21, ZZP21]. **observable** [AKBN20]. **Observation** [LBF+21a, LBF+21b, JS22]. **Observation-based** [LBF+21a, LBF+21b]. **observations** [Hei20, LPPG20]. **observers** [AdlBGZ+23]. **occurrence** [IZAD21]. **occurrent** [OAH+23]. **October** [Ano20w, Ano21x, Ano22w, Ano23w]. **off** [FEBO22]. **OMG** [CPD20]. **on-demand** [RPT23]. **onboard** [SM20a]. **onboarding** [BSDB20, SS20]. **One** [XDL+22, SKHLS24, MSC20]. **one-class** [SKHLS24]. **OneSpace** [ES24]. **Online** [EM20, SJC+22, CACHA23, GF24, LCC+23a, PGR24, SMM23, THB22, WMS23, ZPL21]. **Only** [LDT22]. **onsite** [SMM23]. **ontology** [KL20, LC20]. **ontology-based** [LC20]. **OP** [CCZ+24]. **OP-ART** [CCZ+24]. **opaque** [FC20]. **Open** [JLL23, NAV+24, SVAGB20, AKMS23, BMHR21, BGL+20, BGL+22, ES23, Fei23, FRC24, JCNS+22, LMZT22, NRRS20, OMA+22, PKGA22, THG20, TKSC20, VDVC21, WMLM22, ZKDP22, dlVRB21, ROL21]. **open-source** [AKMS23, ES23, Fei23, JCNS+22, OMA+22, THG20, TKSC20, ZKDP22]. **Operating** [AĐHM23]. **operation** [LM21]. **Operational** [AFJ+20]. **operations** [LL23]. **operator** [KGL+22]. **Opportunistic** [MSC20, WMA+24]. **opportunities** [BGC20, GCSHB20, KdJPK+23, MSB23]. **opposition** [ZHLR23]. **opposition-based** [ZHLR23]. **Optimal** [AdlBGZ+23, NJF20, BRO+22]. **optimising** [CNdLL20]. **optimization** [BH20, CYW21, EM20, Hu24, KKRT24, WMH+24, YDP22, ZRGJ21, ZYZZ21]. **Optimize** [vRMG23, BFHC20]. **optimizer** [ZHLR23]. **Optimizing** [YWLZ23]. **oracle** [RPS+23]. **orchestration** [KBP24]. **order** [AdlBGZ+23, DZY+23, WYFZ24]. **organisational** [KdJPK+23]. **Organizational** [Gla23, SS20]. **organizations** [MSKS24, PN21]. **oriented** [BSH+20, CCZ+24, DL22, ECS23, MMDL23, MCDP24, WTG23, YXLH24, ZPL21]. **orthogonal** [MPP24, ALB20]. **OSLC** [NMG+20]. **OSLC-based** [NMG+20]. **OSS** [BDLT21, MSB23]. **outcomes** [CPC+23, LGKT22]. **outdatedness** [DMD23]. **output** [LMVRA+20]. **over-reliance** [MHJW22]. **overflow** [SZ23, ADG+20, BLTX21, CKP20, CXH+24, GMCA21, RSU+24, STW23, SZ23, TXW+20, ZLW+23, ZLS22, dDLSK23]. **overhead** [ZGW+20a]. **overhead-aware** [ZGW+20a]. **oversampling** [ZYZ+23]. **Overview** [JLL23, GAB20]. **OWASP** [FAFJ24]. **own** [SM20a, CTD+23]. **Owner** [KdJPK+23].

PaaS [GGB20]. **PaaSArch** [GGB20]. **package** [MCSAGB20, Vid22]. **packages** [ANC+23, MAS23, MSB23]. **PageRank**

[YJZZ23]. **pains** [ZLC+23]. **pair** [DMN+23]. **pairs** [TXW+20]. **pandemic** [PGR24, STM+22, SMH+23, Tok22]. **papers** [WCH+22]. **paradigm** [BRS+22]. **paradigms** [CTD+23]. **parallel** [RAGCSS+20, SXL+22, SVVD21, ZPL21]. **parameterized** [CWTL21]. **parametric** [ACG+21, KBG+24]. **parser** [LWP+21]. **parsing** [LL23, YCWD23]. **part** [PGR24]. **part-time** [PGR24]. **partial** [AdlBGZ+23, SJC+22, ZFS+22]. **Partially** [AKBN20]. **participate** [SMdS+23]. **particle** [WMH+24]. **particular** [MVŞ23]. **partitioned** [MCMA21]. **party** [NDDD20]. **past** [ADS+22, SGM23]. **past-CTL** [ADS+22]. **patches** [ASK+23]. **patching** [IPB23]. **Path** [aSLF+22, DWG+24, DBO24, WXZL23, ZJXG20, ZWY+22, ZZTC23]. **Path-directed** [aSLF+22]. **paths** [BH20]. **pattern** [AZ21, AMRS20, BRSR21, FJvdW20, HSJB23, MWY+22, NAZ22, SB23, WC20]. **pattern-based** [HSJB23, WC20]. **pattern-driven** [FJvdW20]. **patterns** [ASCR23, AÇCT21, AHL22, BKG20, CAA+23, KFJA23, LMGK22, LLZ+22, NAD+20, PFW21, SV20, TOO+23, ZFC+22]. **pay** [LDT22]. **payment** [FRP+23]. **PDFBox** [BGL+20]. **pedestrian** [CXY+23]. **People** [KRC23]. **perceive** [SGW+22]. **Perceived** [RCA+23, STM+22, VML21]. **perception** [AAZB23]. **Perceptions** [GW23, MVGHPT22, FAFJ24]. **Performability** [AON+24]. **Performance** [RK20, AMHB24, ABT+22, CJR22, CBW+23, CYW21, CDET22, ECL+22, ET21, ETD+24, JST+23, LATV22, LABJ23, LSG+24, LBH+24, LGKT22, MH20, NMRS22, OBCR23, PPB20, RCT22, RZLC24, SL20, Tai24, ZGW+20b, dCMM+22, vRMG23, vDDPZ24]. **perils** [MHJW22]. **periods** [GS21a, GS21b]. **permission** [GGB+22, SLL20, XCH+20]. **permission-based** [SLL20]. **personality** [FKGN23, VM24a, VM24b]. **personalized** [ET21]. **perspective** [EM24, GAB20, Gir21, HOAM23, HNM+24, LGT+23, MKB23, PFC+23, PPM+21, WLS+21, WB23]. **perspectives** [BbASP23, Pie20]. **persuasion** [CACHA23]. **perturbations** [QHC+24]. **pervasive** [GM20]. **Petri** [APR24, SCdPL24]. **Petri-nets** [SCdPL24]. **phase** [FKF+23]. **phishing** [SJH+24]. **PHP** [RB23]. **Physical** [AAG21, VWSCH23, ZKDP22, vDDPZ24, ACD+21, BRS+22, BGM+21, BCW21, DSM20, FKF+23, GB20, GCLB22, GAB20, LTJ+20, MFF+24, RATS21, SCN+21, SSZ20, dlVRB21, BJB+21]. **pipeline** [DJS+22, FGRF24, KBW+24, SFR23]. **PL** [TS22]. **PL/SQL** [TS22]. **placement** [LLWL22, PKB24, THB22]. **planning** [DHM+21, HTB21, WCGS23, WXZL23, ZZTC23]. **platform** [BL21a, BL21b, CSLN23, FCW+23, LWSZ23]. **platforms** [DHM+21, YSB+21]. **platooning** [SB23]. **pleasingly** [ZPL21]. **point** [FRP+23]. **PointNet** [ZCZL23]. **points** [LL21]. **policies** [AKBN20, KCMD21, LSB+22, SHWR22, SMH+23]. **Policy** [LYZ+22, LHF22]. **Policy-driven** [LYZ+22]. **popularity** [KVP23, WWC23]. **positions** [HHJ+20]. **Post** [THN20, PGR24, SMH+23]. **post-pandemic** [PGR24, SMH+23]. **post-processing** [KGL+22]. **Post-Release** [THN20]. **posts** [CKP20, GMCA21, STW23, SZ23, YOH+23, ZLW+23, dDLSK23]. **Potential** [MH24, WMH+24, ETY+22]. **Potential-aware** [WMH+24]. **potentials** [SBF20]. **power** [EMCN+22]. **power-up** [EMCN+22]. **PR** [GDLM21]. **Practical** [Ala21, SSP21]. **practice** [BDMP21, CRV23, FAG+20, FEBO22, GKB+21, HO22, NLTM23, OZVRD21, SM21, SFR23, FBMR20]. **practices** [AACC21, DAML23, GCSHB20, GSM+23, KKH+21, NSR+23, NBP24, SHG24, SvdBHV24, SGW+22, WKP20, ZLC+23].

practitioner [FRP+23, WLS+21]. **practitioners** [VML21]. **Pragmatic** [LMR+23]. **Pre** [KGL+22, CLNQ24, FCW+23, HOCK22, PGR24, SSS22]. **pre-** [PGR24]. **pre-labeled** [HOCK22]. **pre-recorded** [SSS22]. **pre-trained** [CLNQ24, FCW+23]. **Pre/post** [KGL+22]. **Pre/post-processing** [KGL+22]. **Precise** [ZYL+22, MC20, PBC+23, WTS23, XCZ23]. **precision** [LPS+23, SSP21]. **Predicting** [MPRX20, PT21, TBD+23, HCB+20, LMVRA+20, RMOGA20, ZCLP21, ADG+20]. **prediction** [ASKS20, AMHB24, AMS23, AXUO24, BS23, CXP+23, CYW21, DOG+23, DYZ+23, ET21, FGG+20, GBK+23, GF24, HHJ+20, ILUN21, KRP24, LBH+24, LCC+23b, LAL+23, PPB20, QZS+24, SKHLS24, TXW+20, TLXW23, XZY+20, XLY+21, ZJY+24, ZSCD22, ZYZZ21]. **prediction-based** [LCC+23b]. **predictions** [MHJW23]. **predictive** [BS23]. **predictor** [LALM23]. **preemptive** [LHF22]. **preferences** [BEM+23]. **preferences-based** [BEM+23]. **preliminary** [GGMH23]. **presence** [ASK+23]. **Prevalence** [RMT+22]. **Prevent** [Gla23]. **Prevent-Model** [Gla23]. **Preventing** [ZFC+22]. **prevention** [Liu21]. **PRHAN** [FZT+22]. **price** [AZR+21]. **primary** [ZCL24]. **prime** [BH20]. **principal** [AAB+22, dTMS21]. **prioritisation** [MAP+20, TC22]. **prioritization** [CQZ+20, GS21a, GS21b, HZT+20, HYF+24, LBT+21, MN21b, aSLF+22, ST24, ZFS+22]. **prioritize** [MICV23]. **priority** [LCY+24, LHF22]. **PRISE** [GAC20]. **Privacy** [BSCS23, GPF22, KRC23, PFC+23]. **privacy-related** [KRC23]. **proactive** [TTL20, APAF21]. **probability** [RK20]. **probes** [AHFP24]. **problem** [ACC+20, AWA+22, CF23, FGRF24, KL20, ÖS20, Pie20, dSIdÁ23]. **problem-solving** [AWA+22]. **problems** [KOPN22]. **Process** [GS20, AGPR20, AKBN20, AHL22, ACSJ23, ASK+23, CBC+24, DOG+23, GAC20, JCNS+22, LWC20, MDVB+23, MDRdP+24, MAC+22, PDGMT20, RK20, VVBGL+23, SWH+20]. **process-centric** [MDVB+23]. **Processes** [HLS24, PFdMF21, CMP+20, LBT+21, MSC20, MFF+24, VTS22]. **Processing** [VKG+23, FGRF24, HH24, KGL+22, KBW+24, LLWL22, PC23]. **ProCon** [MDVB+23]. **ProDSPL** [APAF21]. **Product** [APAF21, HJK+21, KZTS22, LtBD24, NNG21, ACA+23, BEM+23, BBND+20, BCF23a, CBC+24, CF23, CTD+23, DMAH24, EM24, HPF23, KGS23, MRA+22a, POZ20, SWH+20, WMLM22, tBS23, KdJPK+23]. **Product-line** [NNG21]. **production** [DHM+21, MDWS+23, MFF+24, MBO+22, vBD21]. **Productivity** [LCP+24, MVGHPT22, STM+22]. **products** [MFF+24, VHB21, ZGHG+23]. **professional** [VM24a]. **professionals** [SS20, Tok22]. **Profiles** [AFJ+20, AC21, ZLS22]. **Profiling** [DLV+22, PHLHM24]. **profit** [MH20]. **prognostics** [LWSZ23]. **Program** [YWW22, ABMV24, AHFP24, AGL21, AS22, DWG+24, ETY+22, GKPS24, GSF24, HLL21, LBG+20, LBF+21a, LBF+21b, LLK+21, SLL20, YWCX24, YMDM21]. **ProgrammableWeb** [LTZ+21]. **programmer** [DMN+23]. **programmers** [BIT24]. **Programming** [BIT24, ADG+20, ACD+24, CKP20, CND22, CCR24, DPD+22, ECS23, LQY+22, MDWS+23, RSL+21, SGW+22, SRD+21, SM21]. **programs** [AIH20, BK20, BAV20, CCZ+24, DDPP23, JZM21, LWL+23, LZJ20, LZ24, MC20, PCJNP23, RF23, SV20, TS22, XBS21, YLW+21, ZMLZ23]. **project** [BS23, BGL+20, CCC+24, GS21a, GS21b, KSF20, QZS+24, SHA21, SMM23, TLXW23, WMA+24]. **project-based** [SMM23]. **projects** [BCJI22, BDLT21, BSDB20, CND22, CR23, DCMR20, Fei23, HOCK22,

ILUN21, IT23, KI23, KHEC+23, LWC20, LQY+22, LCY+24, LGKT22, LMVRA+20, MLBD21, RMOGA20, SHA21, THG20, WMLM22, WCH+23, WWC23, HG22]. **prompt** [LYG+24]. **proof** [AC21]. **proof-of-concept** [AC21]. **propagation** [LWZ21, ZWP+24]. **properties** [ACD+21, BGM+21, BRS23, BJB+21]. **Property** [AHFP24]. **proposal** [BMB20]. **proposals** [LL21]. **Propositional** [MPFB23]. **protocol** [BCF23a, LKP+21, SH20]. **Prototyper** [GGB20]. **prototypes** [GGB20]. **prototyping** [ZHS+24]. **provably** [MPP24]. **provide** [WC23]. **provided** [MFPB24]. **Providentia** [BFHC20]. **provider** [MH20]. **providers** [AAZB23, LKP+21]. **Providing** [RPM+22]. **PSTM** [LZP+20]. **Psychometric** [FKGN23]. **public** [CYW21, WCH+22]. **publications** [LHH+24]. **Pull** [FZT+22, LNST21].

Q&A [HPZ+20, Pat20]. **QExplore** [SMKI23]. **QMM** [FR20]. **QMM-VANET** [FR20]. **QoS** [FR20]. **qSOA(R)** [HPP24]. **qualitative** [BQR24, GPPDLF23, HLS24, SGG22, VHB21]. **Quality** [BLTX21, LCC+23b, LBMF+22, MVŞ23, BRO+22, BBND+20, BHHQ+22, CND22, CLNQ24, EBSB23, FGRF24, GGP21, GRV+21, KSF20, KRLS+20, LNST21, LQY+22, MDVB+23, MBO+22, OBCR23, OAH+23, DDPT20, POWGH22, PN21, RBS+23, RFB20, WMLM22, WCGS23, NLTM23]. **Quantitative** [ACPM22, WMLM22, BQR24, CBC+24, CDRV20, ST24]. **quantum** [BDS+24, DPD+22, HPP24, KAW+23, LZ24, OMA+22, PCJNP23, ZMLZ23]. **quantum/Classical** [HPP24]. **quasi** [SBD23]. **quasi-static** [SBD23]. **Query** [YXLH24, Tai20]. **Query-oriented** [YXLH24]. **question** [TXW+20]. **question-and-answer** [TXW+20]. **questions** [ADG+20, PKGA22, RSU+24]. **queueing** [LATV22, LHF22]. **quick** [LL21]. **QuixBugs** [YMDM21]. **quo** [FKGN23].

R [MCSAGB20, Vid22]. **Raising** [ZGLPA24]. **Random** [AHT+21, ZWY+22, BH20, CCZ+24]. **range** [ABMV24]. **Rank** [MLPC20]. **ranked** [Hor21]. **rapid** [LBMF+22, ZHS+24]. **rate** [MN23]. **Rater** [DPGGP23]. **ratio** [MAK+21]. **Rational** [SWH+20]. **rationale** [AES22]. **RE** [IMTS23]. **reaching** [MC20]. **reactions** [BCF+22]. **readability** [MHOM22]. **readme** [WWC23]. **real** [HIDT21, MCMA21, MLBD21, RPM+22, WCH+23, YAaO+21]. **real-time** [HIDT21, MCMA21, RPM+22, YAaO+21]. **real-world** [MLBD21]. **reality** [ZLC+23]. **realizability** [Bro24]. **really** [JS22]. **reasoning** [AHP21]. **reassurance** [KRC23]. **Recognition** [VBMB20, ZLS20]. **recognizing** [CZLN22]. **Recommendation** [MBP20, LXYL20, NMT+23, QWHH23, WZZ21, WGL+22, YYW+24]. **recommending** [JZM21, KL20, NDDD20]. **recorded** [SSS22]. **Recovery** [MLPC20, WHK+23]. **Reducing** [QWG22]. **reduction** [ACPM22, AdlBGZ+23, BDS+24, CWGS23, CBZZ24, SSZ20, LWL20]. **Refactoring** [AMO21, HMR21, HPF23, IZAD21, LPPG20, MRS20, MSB23, PZDG21, SAZN22, Vog20]. **refactorings** [OAH+23, PMDN20, PSAB22]. **reference** [GMFO+21a, GMFO+21b]. **refinement** [DSO20]. **refinements** [HXJ+20]. **reformulation** [ZLSY23]. **refusals** [LHN20]. **Regression** [HZT+20, CQZ+20, DWH23, LLNC21, MAP+20, MBP23, MN21b, SGV22]. **reinforcement** [DZY+23, WLL+24, YLHZ20, ZHLR23]. **rejuvenation** [CDN+22]. **related** [ANC+23, FGRF24, GMCA21, KOPN22, KRC23, MLBD21, dDLSK23]. **Relation**

[CQZ+20, KVP23, LGKT22, VM24b, ZLX+22]. **relation-aware** [ZLX+22]. **Relation-based** [CQZ+20]. **relational** [TGG21, LFFW23]. **relations** [BGE+21, LHN20, XTF+21]. **Relationship** [THN20, AA23, GFS21]. **Release** [THN20, dSIdÁ23, KCMD21]. **relevance** [VML21]. **Reliability** [DPGGP23, GPPDLF23, ZXW20, HCC22, LDH22, LHF22, NJF20, TTL20, WLdCM22]. **Reliable** [KRSW22, HOCK22, ZHLR23]. **reliance** [MHJW22]. **Remodularisation** [TCA22]. **Remote** [GS20]. **removal** [IZAD21]. **removing** [LDT22]. **rename** [PMDN20]. **reorganization** [ZPSW24]. **repair** [ABMV24, BF22, ETY+22, GSF24, IIK21, KKE21, LLK+21, WL24, YMDM21]. **repairs** [JZW+21, KKE21]. **REPD** [ASKS20]. **replacement** [SM20a]. **replicated** [VM24b]. **replication** [BEAK21, HYF+24, MH20]. **RepliComment** [BSGN21]. **report** [BB22, FAA22, GKB+21, JST+23, LYS+23, SMM23, WZC+20, ZHM+23, ZLSY23]. **reports** [AXUO24, JCNS+22, LFH+22, SHB21]. **repositories** [AKMS23, TKSC20, WCH+22]. **representation** [JSTW22, YWS23, ZCLP21]. **representations** [BAV20, LB24, SMVC24]. **representative** [MN23]. **represented** [dSS+22]. **Representing** [KSF20]. **reproduction** [WGMT24]. **Request** [FZT+22, LNST21, STW23]. **requests** [FFSB23]. **required** [VCB24]. **requirement** [BRO+22, DDCC24, RPR22]. **Requirements** [AGPR20, KKH+21, MLPC20, BMHR21, BN23, DBB20, FFV+23, GBMF22, KSG+22, KL20, LGT+23, LC20, LK23, LCS+24, MKB23, SCdPL24, ST24, WKP20, dSIdÁ23, GCLB22, MFLS22, FGS23]. **Research** [FBMR20, LHH+24, AĐHM23, AF22, APB20, AGP22, ECMC20, FKGN23, GW23, GPPDLF23, HATG21, KI23, MMC24, MMB22, POZ20, SGM23, SFR23, UPP+22, NLTM23, Pie20]. **researcher** [Fei23, RFS+21]. **researches** [NdSR+21]. **ReSIde** [SSS+20]. **residence** [XZY+20]. **residual** [CFF+23]. **resilience** [PLL+23]. **Resistant** [THB22]. **resolutions** [AMS23]. **resolved** [GS21a, GS21b]. **resolving** [CPC+23]. **resource** [AZR+21, BF22, GTT+20, Pie20, TGX+22, TBD+23, ZHLR23]. **resources** [MFF+24, OWGS23, ZGW+20a, ZPL21]. **response** [MFBP20, RK20]. **responses** [TRD+23]. **REST** [POWGH22]. **restoration** [XBS21]. **result** [PPB20]. **Results** [FKF+23, ZH21, AHFP24, VM24b, BCF+22, RMT+22]. **retainment** [BCF+21]. **retrieval** [MAP+20, SH20, SRD+21, YWCX24]. **retrieval-based** [YWCX24]. **retrieve** [GBSO20]. **reusability** [Pat20]. **Reusable** [SSS+20]. **Reuse** [AX21, AAW20, BCF23b, CXH+24, DBB20, FAG+20, GFS21, GW24, MWY+22, NAV+24, SWZ+20, SBF20, WMA+24]. **reusing** [HGHK24]. **reveal** [HBSV+22]. **Revealing** [UPP+22, ZWP+24]. **Reverse** [FBMR20, LSB+22]. **Review** [MYH+24, PFdMF21, SJH+24, SBC20, VKG+23, VBMB20, AA23, AÇCT21, AWMW20, BRS+22, BAV20, dACOdS23, DAP20, DN21, DL22, DL21, FRC24, FFSB23, GGB+22, GB20, GGP+24, GPF22, HOAM23, HH22, HJK+21, HO22, HM24, KAW+23, LPPG20, LMR+23, LLL+22, LBT+21, LZB+23, LLK+21, LLZ+23, MMC24, MH24, MRA+22a, Mec24, MMB22, MFLS22, MLJ23, MRM+21, OBCR23, OSM+23, PGW+23, PAM+21, PSAB22, QWGS24, RBS+23, RFB+22, SL20, SHG24, TRD+23, Tai24, VDVC21, WFR21, WCL23, YSB+21, ZNPR+23, ZCL24, ZH22, WUK+21]. **Reviewer** [VBMB20]. **reviews** [ANC+23, GCF22, MWFK20, NdOdO+22, PDGMT20].

Revisiting [ZLC+23]. **revolutions** [ŠMKGH23]. **reward** [YLHZ20]. **rewriting** [SK22a]. **rich** [DSB23, SS23]. **right** [DBO24]. **risk** [LWZ21, TTL20, XCH+20]. **risks** [BCLN21]. **RNN** [GF24]. **road** [GBT+20]. **roadmap** [MdOT23, POZ20]. **roadmapping** [BPJ+22]. **robot** [LCY23, AÐHM23]. **Robotic** [Gla23, MDWS+23]. **robotics** [MLS+21]. **robots** [RCA+22]. **Robust** [RFB20, LCC+23a, RPR22]. **robustness** [DFT24, GGPR24, LWSZ23]. **Role** [HQNR+22, KdJPK+23, LSB+22, LWC20, OWGS23, PDDD20, SHA21]. **role-based** [LSB+22]. **roles** [CBDK23, FSS23, OZVRD21]. **roll** [KBW+24]. **roll-out** [KBW+24]. **rooms** [SHB21]. **root** [BSH+20, FGRF24, LCC+23a, XCZ23]. **router** [SH20]. **Roxygen** [Vid22]. **RRGcode** [GDWK24]. **RSFIN** [LBH+24]. **rule** [CHLT23, LBH+24]. **rules** [HPF23]. **Run** [CSLN23, SMB+20, ACG+21, ZGW+20a]. **Run-time** [CSLN23, SMB+20, ZGW+20a]. **Runtime** [CWTL21, IPB23, ALZ+20, ADS+22, BRS23, GGB+22, Hei20, MN21a, MN23, RMM24, VGS+23]. **runtimes** [KBP24].

Safe [Gla23, JS22]. **Safety** [GCLB22, WFM+24, APR24, BLHS23, BRS23, CDP22, DL21, KRS+21a, KRS+21b, KBBD23, MSKS24, PGW+23]. **Safety-critical** [WFM+24, APR24, KBBD23, MSKS24]. **SAMM** [FAFJ24]. **sample** [LXLZ20]. **samples** [MCH22, MN23]. **sampling** [MN23, THB22, ZLW+23]. **sampling-based** [THB22]. **sandbox** [dCMM+22]. **Satisfaction** [KMAB20, LGKT22]. **satisfiability** [LCW+24]. **satisficement** [BFHC20]. **Saudi** [AAZB23, AF22]. **SC4R** [TCA22]. **Scalability** [AFJ+20, ABT+22, BMHR21, HH24]. **scalable** [PKB24]. **Scale** [TPGH20, Bat20, BSDB20, CSLN23, DWH23, DFC+23, IBP21, KKH+21, LST20, MSMB21, PSGD23, PN21, SJC+22, UPP+22, WZC+20]. **scaled** [ŠMF+23]. **scaling** [BCLN21]. **scarcity** [MPP24]. **SCC** [ADG+20]. **scenario** [MMDL23]. **scenarios** [SH20]. **SCGRU** [ZYZ+23]. **schedulability** [ZGW+20a]. **scheduling** [EBAR21, HTB21, ISKB20, LLWL22, MCMA21, MdSKD22, YZS22, ZZTC23, ZHLR23, ZPL21]. **scheduling-driven** [EBAR21]. **schema** [OSJB21]. **scheme** [CND22, DTZ+22]. **scholars** [WMAL21]. **school** [SGW+22]. **scientific** [AACC21, EKB+23, HGHK24, LLWL22]. **scoping** [DSM20, MRA+22a]. **score** [SRD+21]. **scores** [RSVW23]. **screencasts** [MRA22b]. **scriptless** [RSM+23]. **scripts** [CATA21]. **Scrum** [CR23, HO22, KdJPK+23, SWH+20]. **SDN** [HTB21]. **SDN-NFV-enabled** [HTB21]. **Search** [LBH+24, BFHC20, CJZ+20, CZW20, DOG+23, DXL+24, EFPC21, ETY+22, GSM+23, GDWK24, HGH+23, HPZ+20, HLZ+23, LCW+24, SMKI23, WGY+20, YXLH24, ZWY+22, ZPSW24]. **Search-based** [LBH+24, BFHC20, GDWK24]. **seas** [MGSC22]. **SeCNN** [LWP+21]. **Secondary** [FdSN+20, ZLS23, SGW+22]. **sector** [AF22, Mam23]. **Secure** [Gla23, LCT22, AZ21]. **Security** [AAG21, BGM+21, ACC+20, ANC+23, AAZB23, AZ21, BLHS23, CDRV20, FAFJ24, GGP21, GB20, GFS21, HCB+20, JRM+22, KL20, LC20, MREVEA+22, MICV23, MSKS24, NJF20, NSL+21, NSR+23, PGW+23, PSAB22, RCT22, RSVW23, SS23, TC22, TST+21a, TST+21b, VCB24, WLLJ24, WZC+20, YU22, ZCZL23, CDRV20]. **Security-by-Design** [CDRV20]. **security-related** [ANC+23]. **security-rich**

[SS23]. **SEET** [AZKR20]. **select** [LMZT22]. **selected** [MAS23]. **selecting** [LKP+21]. **selection** [ASSH22, dACO21, CKM+20, DWH23, JS22, JRM+22, KSG+22, KGL+22, LWYW20, MAP+20, PDGMT20, SGV22, ZYZZ21]. **selective** [KDB+21, SK22a]. **Selenium** [GKAHMO22]. **Selenium-Jupiter** [GKAHMO22]. **Self** [AMO21, GMS22, YCWD23, AAW20, AMRS20, APAF21, BFHC20, HLZ+23, HHZW23, IZAD21, PGW+23, QWG22, RATS21, WCGS23, YZL+22, ZYZ+23]. **self-adaptation** [APAF21]. **Self-adaptive** [GMS22, AAW20, AMRS20, BFHC20, PGW+23, QWG22, RATS21, WCGS23]. **self-admitted** [IZAD21, YZL+22, ZYZ+23]. **Self-Affirmed** [AMO21]. **self-attention** [HLZ+23]. **Self-supervised** [YCWD23, HHZW23]. **Semantic** [LAL+23, CCC+24, CZLN22, CXP+23, CFF+23, DAP20, DXL+24, JSTW22, LWP+21, MHOM22, OZVRD21, RPR22, DBM+24, WDXX23, YCWD23]. **semantic-aware** [JSTW22]. **Semantics** [ZYL+22, CJZ+20, NAD+20, PSGD23]. **semisupervised** [CBW+23]. **sensitive** [AdlBGZ+23, GKPS24, HLL21, MdSKD22]. **sensitivity** [LABJ23]. **Sentiment** [SZ23, HOCK22]. **separation** [ZX23]. **September** [Ano20x, Ano21y, Ano21z, Ano22x, Ano23x]. **Sequence** [JH20, CWTL21, TTB+23]. **Sequences** [SVV24, LL23]. **serious** [ZGLPA24]. **server** [BCF23a]. **serverless** [ECL+22]. **Service** [RFB+22, SL20, SSS21a, SSS21b, SBC20, ASM+21, AM23, BS23, BSH+20, CZW20, GMS22, LCC+23a, LTZ+21, NAV+24, RK20, RFB20, dORGCG23, SSS+20, WZZ21, WHK+23, WGY+20, YYW+24, YSB+21, ZLX+22, ZPL21]. **Service-Based** [SSS21a, SSS21b, dORGCG23, WGY+20]. **service-oriented** [BSH+20]. **ServiceAnomaly** [PHLHM24]. **services** [EM20, EN23, LLW+23, ZGHG+23]. **session** [HDX+23]. **session-based** [HDX+23]. **sessions** [EKHJ+20]. **set** [EM24, RO22, XCH+20, AHT+21]. **sets** [HOCK22]. **setting** [Tok22]. **seven** [GGP21]. **severity** [AXUO24, TXW+20]. **SEXTAMT** [MGSC22]. **SGX** [Ala21]. **Shape** [QWHH23]. **Shape-aware** [QWHH23]. **shared** [LWC20, SV20]. **Sharing** [GGB+22, LYZ+22]. **Shedding** [Mec24]. **ship** [ZZTC23]. **shot** [LYG+24]. **should** [EBSB23]. **side** [Mec24]. **Signal** [BJB+21]. **Signal-Based** [BJB+21]. **signatures** [AvdBG+24, YML+22]. **significant** [LST20]. **similar** [DDPP23, GGB+22, MWY+22, WGL+22]. **similar-app** [GGB+22]. **Similarity** [AWMW20, GJW+22, NRRS20, RPR22, WGY+20, ZNPR+23]. **Similarity-based** [AWMW20]. **SimNet** [GJW+22]. **Simple** [GSM+23]. **simpler** [TAF+20]. **simplification** [YWCX24]. **Simulated** [MSC20]. **Simulation** [SBC20, GTT+20, HDX+23, HTG+24, RK20]. **simulator** [MPGB22, MSC20]. **sine** [ZHLR23]. **single** [AM23, MC20, OAH+23]. **single-tenant** [AM23]. **sites** [HPZ+20, LXYL20, PKGA22]. **situ** [VBMB20]. **situation** [TAF+20]. **situation-aware** [TAF+20]. **six** [BCF+21, LPS+23]. **six-month** [BCF+21]. **Size** [AHT+21]. **skills** [HNM+24, LGKT22]. **skip** [JS22]. **SLA** [HTB21]. **SLA-aware** [HTB21]. **Slack** [SM20b]. **SLAs** [CDRV20]. **slice** [WL24]. **sliced** [CLZ+23]. **slices** [SBD23]. **slicing** [AS22, GKPS24, LBF+21a, LBF+21b, SK22b, SB23, WTS23]. **slow** [vDDPZ24]. **small** [APB20, AHT+21, LST20, ACA+23]. **Smart** [CFF+23, ACG+21, BHP+21, CLZ+23, CLZ+24, DLV+22, GM20, HCB+20, LFFW23, PBC+23, VDVC21, VCT20, WCH+23, YML+22, YWLZ23]. **smart-contracts** [PBC+23]. **SmartCLIDE**

[NAV+24]. **smell** [HYF+24, PDDD20, SAZN22, SELS21, TSLHS21]. **smell-aware** [TSLHS21]. **Smells** [PSAB22, CAA+23, HMR21, LPPG20, MSB21, PT21, PFW21, RB23, WCL23]. **SMEs** [GGP21]. **Snapshot** [CRV23]. **snippets** [ADG+20]. **SOA** [CPD20]. **SOA-based** [CPD20]. **social** [GCLB22, HATG21, MVGHPT22]. **society** [VCT20, BNMW23]. **socio** [PT21]. **socio-technical** [PT21]. **Software** [AĐHM23, AX21, AACC21, APAF21, BCF23a, CDN+22, DJR+22, DAML23, DPD+22, DMAH24, EM24, FRP+23, GRLA20, GFS21, KRD+23, KAW+23, LCP+24, MMO22, MRA+22a, MN23, NBGC20a, OWGS23, PFdMF21, SVV24, SvdBHV24, SVAGB20, SMdS+23, TCA22, Tok22, VML21, ZFGH+22, ZYZZ21, AAW20, ASM+21, AGPR20, AWA+22, AKBN20, AMS23, AZ21, APB20, AGP22, AWMW20, ABT+22, BS23, BCLN21, BRO+22, BCJI22, BGMB20, BL21a, BL21b, BTSC+23, BFZC21, BbASP23, BSDB20, Bro24, BCW21, BGL+20, BGL+22, CCC+24, CDET21, CBW+23, CBZZ24, CAC20, CA20, CKP20, CKM+20, CLC+23, CXP+23, CXH+24, CTD+23, CJNDZ21, CDLN21, DAP20, DSB23, DPGGP23, EFPC21, ECMC20, ET21, ETD+24, EKHJ+20, EKB+23, FCW+23, FJvdW20, FKGN23, FVDF21a, FVDF21b, FEBO22, FSS23, FAFJ24, GW23, GMFO+21a, GMFO+21b, Gir21, GBK+23, GPPDLF23, GGMH23, HNM+24, HOCK22]. **software** [HPP24, HQNR+22, HPF23, HPZ+20, HCC22, ILUN21, IBP21, IPB23, IT23, JCNS+22, JH20, KSF20, KDB+21, KR23, KHEC+23, KGS23, KMAB20, KBBD23, LMGK22, LWC20, LFLS24, LXYL20, LDH22, LMZT22, LQY+22, LBH+24, LGKT22, LHF22, LWSZ23, LBCG23, LAL+23, LHH+24, LID+22, LMVRA+20, LBMF+22, MSMB21, MVGHPT22, MLS+21, MAK23, MMDL23, MGSC22, Mec24, MSS21, MMB22, MFLS22, MWFK20, MN21a, MLJ23, MSRR22, MLGBRC24, MCDP24, MRA22b, MdOT23, MHJW23, NRRS20, NJF20, NdSR+21, NAZ22, NDDD20, OBCR23, OMA+22, DDPT20, PLL+23, PKGA22, PPMC22, Pat20, PC23, PFC+23, PAM+21, PDGMT20, POZ20, PdS23, PGR24, PPM+21, dPPdJFF21, RV22, RPR22, RMOGA20, RCT22, RJ23, SGM23, SC22, SS20, SHA21, SSS+20, SM24, SGG22, STM+22, SV20, SM20b, SYB+23, SMVC24, SZ23, TH24, TC22, VCB24, VKLM21, VM24a]. **software** [Vog20, WL24, WFR21, WMAL21, WXZL23, YAaO+21, YDP22, ZGHG+23, ZKDP22, ZZTC23, ZCZL23, ZSCD22, ZLS20, ZLS22, ZLS23, tBS23, KZTS22, NLTM23, RFS+21]. **Software-Intensive** [KRD+23, BGL+22, VKLM21, ZGHG+23]. **Software-testing** [GRLA20]. **solidity** [DLV+22, WCH+23]. **solution** [BPJ+22]. **Solutions** [SVAGB20, CDET21, HGHK24, MBO+22, SRD+21]. **solve** [dSIdÁ23]. **solving** [AWA+22, CHLT23]. **Some** [LST20]. **SonarQube** [LST20]. **Source** [EHB21, SVAGB20, ZYL+22, AA23, AZR+21, AKMS23, BGL+20, BGL+22, ECMC20, ES23, Fei23, FRC24, HS21, HELW20, HHJ+20, HHZW23, JCNS+22, LMZT22, LAL+23, NRRS20, NAD+20, NDD+24, OEW22, OMA+22, PKGA22, SKG+24, aSLF+22, SMVC24, TTB+23, THG20, TKSC20, WMLM22, ZNPR+23, ZKDP22, ZSZ+22, dlVRB21, ASKS20]. **source-code** [AA23]. **sourced** [OSJB21]. **Sourcing** [LCAC21]. **Space** [SBC20, ES24, CBZZ24, LTJ+20]. **spacecraft** [GBT+20]. **spaces** [BPJ+22, CWGS23, ETY+22, PAM+21, QWG22]. **span** [BCF+21]. **Spanish** [GGP21]. **spare** [ZXW20]. **Spark** [CYW21, ISKB20, WCZW22]. **spatial** [ACD+21]. **Special**

[AX21, BCW21, LSSZ21, BDLR23, FBMR20, HS21, EHB21, KRD+23]. **specific** [ASCR23, ACA+23, BPJ+22, CVC21, KSG+22, KBG+24, VWSCH23, WCL23, ZLS20]. **specific-model** [CVC21]. **Specification** [AAG21, DL22, LM21, Liu21, SCN+21, TAT+23, WYFZ24]. **specifications** [DDCC24, KRLS+20, LB24, LCS+24, PSZ21, RO22, SLL20]. **Spectrum** [MMSM+23, HBSV+22]. **Spectrum-based** [MMSM+23]. **speech** [LCY23]. **speech-enabled** [LCY23]. **SPELLing** [PCC+20]. **split** [CHLT23]. **SpongeBugs** [MFBP20]. **Spotify** [ŠMF+23]. **Spreadsheet** [MHJW22, HXJ+20, MHJW23]. **spreadsheets** [HJK+21]. **Spring** [MCH22]. **SQL** [BMB20, Tai20, TS22]. **SQL/NoSQL** [BMB20]. **srcClone** [AS22]. **SSL** [WXL+20]. **SSL/TLS** [WXL+20]. **Stability** [YWY+21, ECL+22, YLW+21]. **Stack** [ASCR23, LZJ20, SZ23, ADG+20, BLTX21, CKP20, CXH+24, GMCA21, PKGA22, RSU+24, STW23, SZ23, TXW+20, ZLW+23, ZLS22, dDLSK23]. **stack-augmented** [LZJ20]. **StaDART** [ACC+20]. **stage** [YXLH24]. **stakeholders** [BEM+23, FAFJ24]. **standard** [WGL+22]. **standards** [CPD20]. **standby** [SH20]. **start** [ZH22]. **start-ups** [ZH22]. **startups** [BBND+20, ZH21]. **State** [BLHS23, Ibi22, LHS+24, AGP22, GF24, KBP24, PSZ21, PTW22, RSM+23, SFR23, UPP+22, Gir21]. **State-of-the-art** [BLHS23]. **stateful** [VSTK21]. **statements** [MFPB24]. **states** [OBCR23]. **Static** [ZX23, AvdBG+24, LPS+23, MFBP20, MC20, PBC+23, SVVD21, SBD23, WXL+20, dCMM+22]. **statistic** [PDGMT20]. **statistical** [CBC+24, MVGHPT22]. **Status** [FKGN23, IT23, LHH+24]. **stay** [SMH+23]. **step** [Liu21, MSC20]. **STEP-ONE** [MSC20]. **stereotypes** [DPRD21, HQNR+22]. **still** [THG20]. **stochastic** [YZS22]. **storage** [AON+24, EM20]. **store** [NdOdO+22]. **stories** [APB20]. **story** [BDMP21]. **strategic** [DBO24, MRVS24]. **Strategies** [LBT+21, EFPC21, FVDF21a, FVDF21b, ZWY+22]. **strategizing** [BSDB20]. **strategy** [DSO20, MH20, SMKI23, THB22]. **Stream** [VKG+23, HH24]. **Streaming** [KR23]. **strength** [DYZ+23]. **strong** [Mas22]. **structural** [CAC20, MWD24, MHOM22]. **Structure** [ZYL+22, HPZ+20, NAD+20, PSZ21, SGM23]. **Student** [SWG+20, CND22, KDB+21, KHEC+23, LGKT22, YU22]. **studies** [BAV20, DPGGP23, FdSN+20, LH24b, TST+21a, TST+21b, WUK+21, ZMLZ23, ZLS23]. **Study** [DJR+22, VBMB20, WWC23, WLS20, AIH20, AES22, AĐHM23, AAZB23, AF22, APB20, AACC21, AGP22, BEAK21, BCLN21, BRO+22, BBND+20, BM23, BTSC+23, BMHR21, BGL+20, CAC20, CA20, CAA+23, CKP20, CXH+24, CR23, DPA+24, DSM20, ECL+22, EKK+24, ETD+24, FEBO22, FFV+23, FKF+23, FSS23, GGP21, GMFO+21a, GMFO+21b, GMCA21, GW24, HG22, HATG21, HLS24, HYF+24, IZAD21, IMTS23, JST+23, KCMD21, KI23, KOPN22, KAA+21, LST20, LNST21, LABJ23, LWYW20, LFH+22, LMZT22, LQY+22, LMZ+23, LCY+24, LXL+23, MCZX20, MAP+20, MAK23, MAS23, MSB21, NdOdO+22, NSR+23, OZVRD21, OMA+22, PLL+23, PC23, PTW22, PDGMT20, PSGD23, POZ20, PFW21, PPM+21, PN21, RSU+24, RATS21, SSO+23, SH20, STW23, SMB+20, SB23, SM20b, SMVC24, TSLHS21, THG20, TKSC20, UPP+22, VM24b, VHB21, WUK+21, WCZW22, WMLM22]. **study** [WCH+23, WLdCM22, WR22, WMA+24, XLY+21, YLHZ20, YOH+23, YMDM21, YU22, ZWY+22, ZGW+20b, ZRGJ21, ZZP21, ZH21, ZLS22, ZLS23, dTMS21, vBD21, vRMG23]. **Studying**

[BCF+21, CPC+23, THN20]. **stupid** [GSM+23]. **sub** [CMP+20]. **sub-processes** [CMP+20]. **subjectivity** [HOCK22]. **subjects** [MPP24]. **Substructure** [WGY+20]. **success** [BDMP21, CR23, ILUN21, RMOGA20, SJH+24, SS20]. **successful** [WSL+20]. **suggestion** [HHZW23, JWZM20]. **suggestions** [MFBP20]. **suite** [Ibi22, ÖS20, RF24]. **suites** [IIK21]. **summaries** [AIH20]. **summarization** [FCW+23, GJW+22, YWS23, ZSZ+22]. **Summer** [SWG+20]. **SuMo** [BMP22]. **supervised** [HHZW23, YCWD23]. **support** [ETD+24, FvB24, GAC20, MFPB24, MBP23, RV22, TAT+23]. **Supporting** [CAF22, ZHS+24, LYZ+22, NDDD20]. **Survey** [LH24a, BCF+22, BLHS23, BGC20, DAML23, FdSN+20, IPB23, KOPN22, LFLS24, MRS20, MSRR22, MRA22b, SLL20, SKG+24, SCB22, VML21]. **surveys** [NSL+21, RMT+22]. **survivability** [BGM+21]. **survival** [RB23]. **suspicious** [SV20]. **suspiciousness** [LWL+23]. **Sustainability** [HNM+24]. **sustainable** [RATS21, TGX+22, BNMW23]. **sustainable-development** [RATS21]. **Sustaining** [LGT+23]. **SUT** [HDX+23]. **swapping** [SSP21]. **swarm** [WMH+24]. **SWFC** [AHT+21]. **SWFC-ART** [AHT+21]. **switching** [RSVW23, SM20a]. **symbolic** [CHLT23, KBBD23, AZKR20]. **symptoms** [JZW+21]. **synchronous** [ZZY+24]. **syntax** [BN23]. **Synthesizing** [NdSR+21]. **SYNTONY** [WMH+24]. **System** [AAG21, GGP21, CXY+23, HSJB23, KKH+21, KKL+21, LLST20, LWSZ23, NMG+20, SKP20, SH20, SB23, TSP20, Tai24, WFR21, ZZTC23, AĐHM23, RATS21]. **system-level** [NMG+20]. **system-of-systems** [HSJB23]. **Systematic** [BAV20, DJR+22, DL22, MRM+21, PFdMF21, PDGMT20, WLS20, AA23, AAW20, AÇCT21, AĐHM23, AACC21, AGP22, AWMW20, BRS+22, BM23, dACOdS23, CJNDZ21, DAP20, DAML23, DN21, ETD+24, FdSN+20, GMFO+21a, GMFO+21b, GRLA20, GB20, GGP+24, GPF22, HATG21, HH22, HJK+21, HO22, KAW+23, KI23, KAA+21, LPPG20, LMR+23, LBT+21, LMZ+23, LLZ+23, LBMF+22, MMC24, MH24, MRA+22a, MAK23, MGSC22, Mec24, MMB22, MFLS22, MWFK20, MLJ23, MSB21, NdOdO+22, OBCR23, OSM+23, PPMC22, PC23, PTW22, PGW+23, PAM+21, dPPdJFF21, QWGS24, RBS+23, RFB+22, RATS21, SHG24, Tai24, UPP+22, VDVC21, WUK+21, WFR21, WLdCM22, WCL23, YLHZ20, ZNPR+23, ZH22]. **Systems** [AX21, Gla23, NBGC20a, SVAGB20, tBS23, vDDPZ24, AAW20, ASM+21, AHL22, APR24, AON+24, AMRS20, ACD+21, ACD+24, BRS+22, BGM+21, BFHC20, BMHR21, Bro24, BCW21, CJR22, CCS20, CNdLL20, CBW+23, CBZZ24, CWTL21, CBDK23, CDET22, CPD20, CDLN21, CDN+22, DL21, DSO20, DSM20, DLBE22, EN23, FVDF21a, FVDF21b, FNB+24, FKF+23, GB20, GCLB22, GAB20, GPF22, Gir21, GAL20, HCB+20, HOAM23, HPP24, HKP23, HIDT21, HSJB23, IBP21, JCNS+22, KAW+23, KBP24, LMGK22, LWC20, LHN20, LABJ23, LSG+24, LTJ+20, LCC+23a, LBH+24, LK23, LCAC21, LSBG21, LLK+21, LLZ+22, LLNC21, MSMB21, MPRX20, MMDL23, MFF+24, MN21a, MMSM+23, MVŞ23, MdOT23, MRM+21, MRM+22, NSL+21, NSR+23, NBP24, OMA+22, OSJB21, PTW22, PGW+23, QWG22, RPT23, SWH+20, SCN+21, SB23, SJC+22, TGG21, TAT+23, TBD+23, VKJ+21, VKLM21, Vog20]. **systems** [WLL+24, WZZ21, WLS+21, WCGS23, WGY+20, WDF+22, YWY+21, dSS+22, dlVRB21, ACA+23, BJB+21, KRD+23, VWSCH23, WFM+24, ZKDP22]. **systems-of-systems** [FNB+24, HCB+20].

SZZ [RPS+23].

T [FVDF21a, FVDF21b]. **T-wise** [FVDF21a, FVDF21b]. **T5APR** [GSF24]. **Tactics** [BLTX21, MAK23]. **tag** [LXYL20]. **TagDC** [LXYL20]. **tailored** [RSL+21]. **tailoring** [LWC20]. **take** [FEBO22]. **targeted** [QHC+24]. **Targeting** [BHP+21]. **task** [AWHS22, LWC20, LYG+24, YZS22, YYW+24]. **task-adapted** [LYG+24]. **tasks** [EBAR21, MCMA21, SMVC24, YZS22]. **taxonomies** [DPA+24, SC22]. **Taxonomy** [IPB23, MREVEA+22, ASM+21, DN21, GGMH23, SCB22, ZGHG+23, BJB+21]. **team** [KHEC+23, SvdBHV24, VM24a, VM24b, ZZTC23]. **teams** [EMCN+22, KdJPK+23, MVGHPT22, MSS21, MMB22, PdS23]. **Technical** [MFLS22, OMA+22, TKSC20, WB23, AAB+22, BGMB20, BVHHO23, FAG+20, FRP+23, IZAD21, KRLS+20, LLST20, LBT+21, MCDP24, PT21, RMT+22, VKLM21, VCF22, VHB21, YZL+22, ZYZ+23, dTMS21]. **technicalities** [KRC23]. **technique** [BDS+24, Dut24, YWCX24]. **Techniques** [MMC24, ZNPR+23, BGC20, CAA+23, DL22, JRM+22, MSRR22, RZLC24, SKG+24, SGV22, SBM23, SSZ20, VDVC21]. **technologies** [GS20, GMCA21, LBCG23, SHG24]. **technology** [BPJ+22, HTC+23, WL24, YSB+21]. **TEE** [LDT22]. **TEE-based** [LDT22]. **telecom** [VM24b]. **telework** [ŠMKGH23]. **Template** [YZC+23, DFT24]. **Template-augmented** [YZC+23]. **template-based** [DFT24]. **templates** [LYS+23, MWD24]. **temporal** [AAB+22, CLC+23, DLBE22, LWC20, WZZ21]. **tenant** [AM23, MH20]. **term** [CKM+20]. **tertiary** [AA23, CAA+23, LPPG20, ZLS23]. **Test** [DWG+24, LCS+24, MMDL23, SVV24, TRD+23, WMLM22, ZFS+22, ASSH22, BCF+21, BCF+22, BDLR23, BGE+21, BDMP21, CJR22, CQZ+20, CATA21, DDPP23, DZY+23, DWH23, GF24, HZT+20, Ibi22, IIK21, KKRT24, KA22, KBG+24, KBBD23, LWYW20, LFH+22, LL23, MCZX20, MAP+20, MN21b, NJF20, NHA20, ÖS20, RF24, SKP20, SGV22, aSLF+22, SSS22, THG20, WC20, WC23, XBS21, XDL+22, ZWY+22, vBD21]. **test-based** [CJR22]. **test-driven** [BCF+21, BCF+22]. **Test4Enforcers** [RMM24]. **testbed** [MSC20]. **testers** [FSS23]. **Testing** [CI24, FKF+23, LLNC21, PTW22, SK22a, ABT+22, BMP22, BK20, BH20, BTSC+23, BG24, CNdLL20, CF23, CCZ+24, CQZ+20, CRV23, DAP20, DFT24, DYZ+23, FVDF21a, FVDF21b, GRLA20, GKB+21, GGPR24, GGMB+22, GBSO20, JT20, KKRT24, LHN20, LZ24, MSMB21, MAC+22, MBP23, NMG+20, PLP+20, POZ20, Pie20, QWGS24, RSM+23, RMM24, SGM23, SCN+21, SG20, aSLF+22, SSS22, SZ23, TS22, VKG+23, VCT20, WYFZ24, WLS+21, WLdCM22, WXZL23, YWY+21, YLHZ20, YLW+21, ZMLZ23, ZZP21, ZB22, ZSF+23, AHT+21]. **testing-based** [MAC+22]. **Tests** [AFJ+20, ECL+22, FFV+23, HG22, KDB+21, DBM+24]. **text** [YWY+21, ZYZ+23]. **textual** [AC21]. **TF** [CCC+24]. **their** [GBMF22, HQNR+22, JCNS+22, LDH22, LQY+22, LGKT22, OBCR23, OSJB21, SM20a, Tok22, WWC23, dDLSK23]. **them** [ZZP21]. **themes** [SGG22, WMAL21]. **theoretic** [GCSHB20]. **Theoretical** [BbASP23]. **Theory** [IMTS23, DPA+24, EM24, VKLM21, DPGGP23]. **there** [LID+22]. **thermal** [GTT+20]. **thermal-aware** [GTT+20]. **ThermoSim** [GTT+20]. **thinking** [ECMC20, LH24b, PPMC22, BFL23, SGW+22]. **third** [NDDD20]. **third-party** [NDDD20]. **threat** [BCJI22, GSM+23]. **threats** [TST+21a, TST+21b]. **Three**

[GMFO+21a, GMFO+21b, SVV24, BCF+22, KL20, Liu21, PPM+21, SGM23]. **three-layered** [KL20]. **three-perspective** [PPM+21]. **three-step** [Liu21]. **Three-Tier** [SVV24]. **Thriving** [ZGLPA24]. **Tier** [SVV24, MPRX20]. **tiered** [EM20]. **Tigris** [MN21a]. **Time** [Bro24, KRP24, AAB+22, BS23, BCF+21, CXP+23, CCZ+24, CSLN23, HIDT21, LHN20, LID+22, MCMA21, NLTM23, NNV+24, PGR24, RK20, RPM+22, SKHLS24, SMB+20, SB23, YAaO+21, ZGW+20a, ZSCD22]. **Timed** [HSJB23]. **times** [ST24]. **timing** [YAaO+21]. **title** [LCC+23b, ZLW+23]. **TitleGen** [LCC+23b]. **TitleGen-FL** [LCC+23b]. **TLS** [WXL+20]. **token** [WDXX23, ZFG+23]. **tolerance** [MRM+22]. **tolerant** [FNB+24, LLWL22]. **tool** [BMP22, GGB20, JCNS+22, KSG+22, MHJW22, RO22]. **tools** [BG24, GGP+24, HLS24, JLL23, LBT+21, LPS+23, MYH+24, NMRS22, RCA+23, SM24, SZSV22, VDVC21]. **top** [Hor21]. **Topics** [GMCA21]. **TOSCA** [DJS+22]. **TOSCAdata** [DJS+22]. **Tower** [PKT24]. **Trace** [Hu24]. **Traceability** [MLPC20, FAA22, PC23, WCH+22]. **traces** [AHL22, DD20, MN23, PHLHM24, SH20]. **tracing** [GCF22, JLL23]. **tracked** [DMAH24]. **tracking** [HHK20, MRS20]. **TrAdaBoost** [CCC+24]. **tradeoff** [CWGS23]. **tradeoffs** [WCGS23]. **traditional** [ZH21, ZH22]. **Train** [MLPC20, CWTL21, CDP22]. **trained** [CLNQ24, FCW+23]. **training** [AMHB24, SJH+24]. **trainings** [ZGLPA24]. **traits** [VM24b]. **transactional** [EN23]. **transactive** [LWC20]. **transfer** [KBP24, SELS21, TLXW23, ZJXG20]. **transfer-learning** [SELS21]. **Transferable** [QWHH23]. **Transformation** [DLBE22, YWW22, KKRT24, KRLS+20, PN21, ZHS+24]. **Transformation-based** [DLBE22]. **transformations** [BBW22, SOMSCT23, AZKR20]. **Transformed** [LMVRA+20]. **transformer** [ZLW+23, ZFG+23, HHZW23]. **Transforming** [KKE21, MPFB23]. **Transitioning** [SMM23]. **Translating** [LB24]. **Translation** [CATA21, LYG+24]. **tree** [BN23, HGH+23]. **trees** [ZXW20]. **Trello** [EMCN+22]. **Trends** [BDLR23, CJNDZ21, LHS+24, LHH+24, Pie20]. **triage** [AWHS22, JCNS+22]. **triaging** [DLX+23]. **Triggers** [GBMF22]. **triple** [TLXW23]. **trust** [BSCS23, DLBE22, HG22]. **Trustworthiness** [MICV23]. **trustworthy** [BCW21]. **truth** [GDLM21]. **Tuning** [CYW21, CBZZ24, FCW+23]. **Turkey** [Tok22]. **turnover** [SS20]. **twice** [VM24b]. **Twins** [DJR+22]. **Two** [ŠMKGH23, TST+21a, AAZB23, BDLT21, CTD+23, FKF+23, LH24b, LDH22, YXLH24, TST+21b]. **two-phase** [FKF+23]. **two-stage** [YXLH24]. **type** [LDH22]. **types** [PMDN20, RPL+21].

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