Stan Green, Jr.

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Education

M.S., Computer Science
December, 1994

University of Tennessee, Knoxville TN
GPA: 3.9/4.0

B.A., Business Administration and Economics
May, 1991

Trinity University, San Antonio TX
GPA: 3.1/4.0 (Within Majors)

Experience

Research Associate
8/93 to present

University of Tennessee, Department of Computer Science, Knoxville TN

Full time researcher working for Dr. Jack Dongarra. Duties include:

- Protocol design, implementation, and testing of the Resource Catalog Distribution System (a scalable WWW resource distributer). Design and instrumentation of Location Independent File Names (LIFN's - similar to URN/URL's).
- Development of the National HPCC Software Exchange. The NHSE is aimed at software reuse and collaboration in the High Performance Computing Community.
- Managing 3 employees that assist in maintenance of software.
- Maintenance of a WWW (HTTP, Gopher, FTP, email) site and system administration of Sun Sparcstation's (running SunOS 4.1.4).

Independent Consultant
11/95 to present

Software Engineering Technology Inc., Knoxville, TN

Part-Time System Administrator. Work includes:

- Administering SunOS 4.1, Solaris 2, AIX, and Linux machines.
- Software installation and trouble-shooting, backup supervision, resource management, hardware and software procurement, and system documentation.

Visiting Researcher
7/94 to 8/94

École Normale Supérieure de Lyon, Lyon France

Development of PVM++ (a C++ interface to Parallel Virtual Machine) and software distribution systems such as Resource Catalog Distribution System.

Skills

Programming Languages
- C, C++, C-Shell, Pascal, Perl, SQL, TCL/Tk

Networking
- DNS, TCP/IP, Sun RPC ; Protocols: FTP, Gopher, HTTP ; Firewalls

Operating Systems
- BSD & System V UNIX (SunOS 4.1.*, DEC OSF/1 V3.*, Solaris 2.*, AIX 3.2), DOS, Windows

World Wide Web
- HTML, CGI Scripting, Log Analysis, HTTPD Server Installation/Maintenance

Foreign Languages
- French - Intermediate, Spanish - Fluent

Selected Publications

The National HPCC Software Exchange

IEEE Computational Science and Engineering, Volume 2 Number 2, Summer 1995 (with Shirley Browne, Jack Dongarra, Keith Moore, Tom Rowan, Reed Wade, Geoffrey Fox, Ken Hawick, Ken Kennedy, Jim Pool, Rick Stevens, Bob Olson, and Terry Disz)

Location-Independent Naming for Virtual Distributed Software Repositories

University of Tennessee Technical Report CS-95-278, February 1995, (with Shirley Browne, Jack Dongarra, Keith Moore, Theresa Pepin, Tom Rowan, Reed Wade, and Eric Grosse)

Resource Cataloging and Distribution Service (RCDS)

University of Tennessee Software Repository Working Notes - No. 18, January 1996, (with Keith Moore, Shirley Brown, and Reed Wade)

References

Available upon request.