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Date and Place of Birth: January 31, 1963, St. Louis Park, Minnesota.

EMPLOYMENT AND PROFESSIONAL EXPERIENCE

Computer Scientist, National Institute of Standards and Technology, Gaithersburg, Maryland, September 1994 to present.

Representative projects:

The Matrix Market

The NIST Sparse BLAS

Parallel Processing Tools/Training Materials

Information Director, Association for Computing Machinery's Transactions on Mathematical Software (TOMS). Responsible for maintaining the journal's online presence, including current and past tables of contents, electronic article preprints, and search capabilities.

Board of Directors, Association for Computing Machinery's SIGNUM (Special Interest Group on Numerical Mathematics). Elected office, term running from 1997 to 2001.

Householder Fellow, Mathematical Sciences Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee, August 1992 to August 1994.

Postdoctoral Member, Program on Applied Linear Algebra, Institute for Mathematics and Its Applications, University of Minnesota, Minneapolis, Minnesota, August 1991 to August 1992.

Resident Student Associate, Argonne National Laboratory, Argonne, Illinois, January 1991 to March 1991.

IBM Graduate Fellow/Research Assistant/Teaching Assistant, Center for Computational Sciences and Department of Mathematics, University of Kentucky, August 1985 to June 1991. **Recipient of the Math Department's first Wimberly C. Royster Outstanding Teaching Assistant Award** in 1987.

EDUCATION

Doctor of Philosophy in Mathematics, University of Kentucky, August 1991; Dissertation title: Parallel collocation methods for boundary value problems. Advisor: Dr. Graeme Fairweather.

Master of Arts in Mathematics, University of Kentucky; May 1987.

Bachelor of Arts in Mathematics and Natural Science with a Philosophy minor, College of St. Benedict, St. Joseph, Minnesota; Graduated Magna Cum Laude, May 1985.

COMPUTING EXPERIENCE/SKILLS

C, C++, Java and FORTRAN programming; Object Oriented Software design; WWW Development (HTML, CGI-scripting, site design); Unix shell programming (Perl, Csh, Ksh); Unix(LINUX) system administration; X-Windows GUI Development (Tcl/Tk); MATLAB, Mathematica; Parallel Processing expertise on IBM SP2, Heterogeneous networks with PVM/MPI, Intel iPSC/860 and Paragon, etc.; Various Windows 95 and Unix word processing, presentation, illustration and program development tools.

PROFESSIONAL SOCIETY MEMBERSHIPS

Association for Computing Machinery

IEEE Computer Society

Society for Industrial and Applied Mathematics

Association for Women in Computing

HONORS AND AWARDS

Householder Postdoctoral Fellowship, August 1992 to August 1994

Wimberly C. Royster Outstanding Teaching Assistant, May 1990

Delta Epsilon Sigma

Pi Mu Epsilon

Last Modified June 9, 1998