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OBJECTIVES

To design and develop a leading edge commercial product; to work with other self-motivated people, and to stay current with the latest technologies.

SKILLS

Strong working knowledge of Java, Swing, C, C++, Motif, X Window System, Solaris, HP-UX, System V, HTML, shells, make, awk, FrameMaker, TeleUSE. Experience with perl, RMI, IBM RS6000, Windows, and Galaxy Application Environment. Strong working knowledge of issues associated with storage management.

EXPERIENCE

VERITAS Software – Senior Staff Engineer; June 1996-present

VERITAS Software is the leading provider of software based storage management solutions in the UNIX and Windows NT environments. Highlights:

- Virtually all development done in Java.
- Part of small team identifying user interface standards for the entire corporation.
- Recognized expert in Java, user interface design, and software design issues.
- Lead developer for the redesign of the Volume Manager graphical user interface, including the design and development of custom widgets as well as the incorporation of third party widgets.
- Part of a small team which designed and implemented a java-based client-server architecture for remote administration of logical disk storage. Provided mirroring, Raid-5, and striping of logical volumes, as well as file system management. The design emphasized scalability and flexibility to allow for OEM value add. The design allows for web based administration via a Java applet/application.
- Designed and developed a wide variety of widgets using Java including an explorer widget; a dialog infrastructure including message, task and tab dialogs; explorer tree, and grid based browsers and selectors; icon and selection handling. The infrastructure is now used in three of our products.
- Designed the user interface style for our VM3.0 and NT bundled products, after identifying and understanding the tasks and the information required by the users of those products.
- Engineer responsible for the 2.3 release of VXVA, a Motif-based application used to manage system storage.

AT&T Business Communication Services (BCS), Network Operations and Services Development Department - Distinguished Member of Technical Staff; September 1993 – April 1996

The Information Technology Platform group is responsible for defining the software and hardware platform's architecture for all BCS maintenance and provisioning systems. Highlights:

- Designed and developed a reusable object-oriented framework, using C++ and TeleUSE, that enforced user interface presentation and behavior consistency.
- Defined the user interface architecture and Motif style guidelines for the Customer Care Platform. Developed a prototype using TeleUSE. Evaluated and selected the user interface building tool for all BCS Customer Care user interface development.
- Managed the assignments of 14 developers and defined the technical direction of the Trouble Ticketing client..
- Installed and maintained a Web server for use by our systems engineering organizations along with usage statistics tracking. Designed and built web pages for my group, department, and the Customer Care Platform.
- Invited panelist on the Behavioral Sciences Days panel on user interface building tools. Recognized expert in the issues surrounding the selection of user interface building tools.
- Promoted (by using prototypes and examples) the use of TeleUSE templates as a means to improve quality and reduce the cost of user interface development for BCS.
- Team leader of the user interface team and Customer Care Platform team for the BCS Maintenance and Provisioning platforms.

AT&T Data Communication Services, Systems Realization Department - Member of Technical Staff; January 1993 - August 1993

ASTRO is an ACCUNET T1.5 and T45 service system. ASTRO provides an integrated environment for technicians to monitor circuits, perform testing, etc. Highlights:

- Developed user interface guidelines for ASTRO's move to Motif. Prepared business case for the redesign and conversion of the user interface. Responsible for ASTRO 5.0 and 5.1 user interface design.
- Selected GUI builder tool for the development of the ASTRO user interface. Evaluation included identifying selection criteria, compiling each tool's functionality, and interviewing current users of the tools.
- Designed, edited and produced the inaugural issue of the ASTRO newsletter. The newsletter was positively received by our users and their managers and provided us with advertising to potential new customers.
- Designed an automated software installation procedure for production and system test releases.
- Provided help to ASTRO team members and people throughout the center, on UNIX, FrameMaker®, X, Motif, general user interface issues and the Sun Environment.

AT&T Venture Corp. - Advanced Decision Support Systems, Schedule Planning - Member of Technical Staff; April 1992 - January 1993

AT&T Advanced Decision Support Systems is a venture within AT&T, developing and marketing decision support software to transportation industries. Highlights:

- Used C++ and Galaxy to develop the SP3.0 user interface and table editor. Work included the design of various control panel dialogs and developing table editor and user interface functionality.
- Designed the user interface, behavior, and software architecture of the station view and aircraft flow graphical editors. Both editors are based on common schedule planner paradigms, compliant with the Motif Style Guide.
- Provided general Sun Workstation administration for the team, including network disk organization and backup procedures.
- Presented and demonstrated the SP3.0 user interface and editors to several airlines.

AT&T Bell Laboratories, Circuit Pack CAD Department - Member of Technical Staff; June 1986 - April 1992

LIBX is a PWB component catalog management system which interfaces with AT&T proprietary and commercial CAD tools. Highlights:

- Gathered user requirements for LIBX graphical editor, a graphical component and board creation facility.
- Designed and developed the user interface for the LIBX graphical editor. Designed and developed additions to the LIBX data model and data interfaces. Engineered the land graphics verification capability. Ported LIBX to the sun3/sun4 workstations..
- Provided support, training and demos to customers. Provided assistance to department members on C and UNIX.
- Acted as supervisor for the Design Libraries Development Group managing six software developers and defining release content for 1992 releases.

EDUCATION

Rutgers: The State University, New Brunswick, NJ; Masters in Computer Science; May 1986

University of Illinois, Urbana, IL; Bachelor of Landscape Architecture; January 1979; Designated James Scholar; Member Alpha Lambda Delta, freshman honor society; Member Phi Kappa Phi, national university honor society.