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Objective: Challenging position in software development

Education: Stanford University
M.S. in Computer Science, June 1996

University of California, Berkeley
B.S. in Electrical Engineering and Computer Science, Dec. 1993

Skill: UNIX (UnixWare, Solaris x86, Unisys, SunOS), Windows (NT, 3.1), OS/2
C, C++, SQL, Embedded SQL, Tcl/Tk, Common Lisp, UNIX shell script
CGI, HTML, X-Windows/Motif/Xt/Xlib, TCP/IP, RPC, XDR
Client/Server/Agent architectures

Work Experience:

12/94-present **Technical Staff** : Oracle Corporation, Intel UNIX Technology Division

- Oracle Workgroup Server 2000(OWS) V2 Development: Designed and implemented the Security Manager of web-based OWS V2 tools using CGI to generate HTML front-end and proC-routine for backend. Also implemented the single secured login for the tools.
- Oracle Workgroup Server 2000 (OWS) V1 Development: Designed and implemented *Object Manager* and installation scheme of *OWS* database administration tools on UnixWare, SCO and Solaris x86. The GUI is implemented using Motif, Xt and X libraries. Developed proC (Oracle embedded SQL) routines to access and manipulate database objects.
- National Language Support (NLS) for OWS: Prototyped the internationalization for OWS tools which supported both single byte and wide characters using Oracle National Language Library.
- Distributed Database Management Agent: Ported the distributed database management agent from Windows NT platform to Solaris x86 2.4, which used a server/client/agent architecture. Worked with Solaris thread library and C-Tcl interface library. Modified the public domain C-Tcl7.3 interface library to be thread safe. Implemented port-specific changes to communication layer using socket interface.

1/94-12/94 **Technical Staff** : Oracle Corporation, Intel SVR4 Product Line Division

- Ported Oracle products to Solaris x86, UnixWare 1.1/2.0, Unisys SVR4 with emphasis on networking products. Build and tested each product, added port-specific changes to fix bugs and tune performance.
- Responsible for releasing 7.1.3 and 7.0.16 bundle releases (with v6 tools), CDE, SQL*NET OSI TLI 2.0.16, Oracle Office 2.0.11.
- Major product ported: SQL*NET v2 (OSI, TCP/IP, SPX/IPX), Office 2.0.11, CDE Tools, Oracle Book 2.0, proADA, proC, proFORTRAN etc.

1/93-7/93 **Engineering Co-op**: IBM, San Jose, Disk Subsystem Development Division

- Developed software for debugging simulation output of CAD tools
- Formed the simulation project plan for the disk subsystem Performed the simulations on disk subsystem including generating input stimulus and design verification

summer 92 **LAN Administrator**: Ortel Corporation, MIS Division

- Assisted in setting up and maintaining the local network system.
- Configured the system and installed communication and production control software on servers.

summer 91 **Quality Engineer**: Ortel Corporation, Quality Assurance Division

- Completed the special project of manufacturing process control. Generated weekly process monitor report. Analyzed the result and proposed areas for improvement.
- In charge of the component and reliability testing. Trained in TQM(total quality management) program

Computer Science Course Work:

Network TCP/IP architecture, Distributed Systems, Advanced Database Implementation, Advanced Operating System, Transaction Process, Programming Languages, C++ and Object-Oriented Programming, Computer Graphics, Artificial Intelligence, Logic and Automated Reasoning, Data Structure and Algorithm, Compiler, Computer Architecture/Digital Design

Reference: Available upon request