

# CHUCK AUDE

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An accomplished and diversified technology professional with over 15 years of UNIX experience. Recognized by peers as a motivated self starter with strong problem solving skills. Possesses excellent verbal and written communication skills. Proven ability to work independently or as part of a team. Delivers projects on time and with great attention to detail.

## TECHNICAL PROFICIENCIES

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Platforms: Linux (Red Hat/Fedora, SuSE, Ubuntu), UNIX (Solaris, HP-UX, Tru64, IRIX, AIX), Windows 9x/NT/2000/XP  
Networking: TCP/IP, DNS, NIS, FTP, sendmail, imap, POP, NFS, SSH, firewalls, VPNs, Samba  
Languages: UNIX shell scripting, C, HTML, Perl, Java, CVS, RPM, pkgadd, gcc, gdb, UNIX system programming, Solaris internals, TCP socket programming, pthreads, OpenGL, X11, Motif  
Tools: NetWorker, Purify, Quantify, DiskSuite, JumpStart, VMware, Apache, Tivoli, SecureID, sudo, TCP Wrappers, Cygwin

## PROFESSIONAL EXPERIENCE

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EMC Corporation, Palo Alto, California (telecommuted from Portland, OR) Jul 2002 - Jun 2006

### Senior Release Engineer

Principle consultant to NetWorker developer community on UNIX packaging, compilers, build processes and makefiles. Solaris platform owner responsible for keeping apprised of the latest developments from Sun. Monitored and tuned nightly build process to reduce overall build times.

#### Key Achievements:

- Ported NetWorker to several new operating systems and build environments.
- Developed a cross platform packaging system for Solaris, Linux and HP-UX.
- Developed tools to rebrand NetWorker as Solstice Backup for Sun Microsystems.

EMC Corporation, Palo Alto, California (telecommuted from Portland, OR) Mar 2000 - Jun 2002

### Senior Test Engineer

Designed, implemented and maintained a test lab that simulated an enterprise-level customer environment for the Legato NetWorker product suite. Executed manual and automated weekly tests to ensure code quality across multiple development trees. Performed white-box testing and debugged problems found.

#### Key Achievements:

- Reduced NetWorker maintenance release cycle from semi-annually to quarterly due to improved testing methods.
- Integrated Purify test suite into code base. Executed memory and performance tests, analyzed results and provided code fixes.

Charles Schwab, San Francisco, California

Jan 1999 - Mar 2000

### Senior UNIX Systems Engineer

Developed standard procedures and system tools for use in a 24x7 production environment. Provided technical support to data centers and remote offices spread across three continents. Provided technical consultation and guidance on large scale IT projects.

#### Key Achievements:

- Designed and maintained a certification lab for testing all IT software prior to production deployment.
- Developed a custom Solaris JumpStart process to install all servers with a standard image.
- Certified Y2K compliance of Solaris standard image.

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GTE Internetworking, Palo Alto, California

Mar 1997 - Dec 1998

## Senior UNIX Systems Administrator

Provided 24x7 third-level technical support for nation-wide web hosting operations. Worked directly with customers to scope, develop and implement custom web hosting solutions. Performed root-cause problem analysis of all outages. Monitored and tuned system and application performance.

### Key Achievements:

- Designed and deployed initial network & server infrastructure for new data centers.
- Packaged system management tools to enable rapid deployment of new servers.

Macromedia, San Francisco, California

Jul 1996 - Mar 1997

## UNIX Systems Administrator

Provided day-to-day operational support for corporate IT environment. Developed simple applications to offload basic tasks to Help Desk. Mentored junior system administrator.

Eastern Washington University, Cheney, Washington

Sept 1992 - Jun 1996

## UNIX Systems Administrator

Provided day-to-day operational support for Department of Computer Science computer graphics lab. Supervised lab support staff and managed lab budget.

## OTHER COMPUTER EXPERIENCE

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Longtime Linux and Open Source enthusiast, having switched to Linux for personal use in 1994.

Maintained my own Linux-based website using Apache. Implemented (volunteer work) a Linux-based IT solution for the Mazamas in 1997 to centralize all data storage, DNS and DHCP services.

## PROFESSIONAL TRAINING

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Solaris Network Programming	Nov 2001
Sun E10K Administration	Jul 1999
Solaris 2.x Internals	Nov 1998
Tivoli 3.6 Migration Toolkit	Oct 1998
Tivoli 3.6 Framework	Oct 1998
Solaris System Interface Programming	May 1998
Tivoli 3.2 Framework	Apr 1998
Internetworking with Bridges, Switches and Routers	Oct 1997
Advanced Java Programming	Apr 1996
Basic Java Programming	Apr 1996

## EDUCATION

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Eastern Washington University, Cheney, Washington

Sept 1994 - Jun 1996

## Master of Science in Computer Science

- Thesis: Computer Simulation of Rigid Body Motion

Eastern Washington University, Cheney, Washington

Sept 1989 - Jun 1994

## Bachelor of Science in Physics

## PERSONAL INTERESTS & HOBBIES

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running, hiking, mountaineering, climbing, skiing, travel, volunteering, living an active outdoor lifestyle

## REFERENCES

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Available Upon Request