

JACK ROEHRIG

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Skills

- **Operating Systems:** Linux (many flavors), BSD, UNIX (several variants), Windows, embedded systems, Solaris/SunOS.
- **Computer Languages:**
 - Proficient in C, C++, HTML, PHP, Java, \LaTeX , UNIX Shells, Python, TCL/TK, PERL, E, BASIC, VBA, LISP, ProLog, R, Pascal, MIPS Assembly, X86 Assembly, Logical Circuits.
 - Experienced in programming concepts such as Threads, Data Structures, Algorithm Design, VMware automation, and UNIX Kernel Programming.
- **Tools and Systems:**
 - Proficient in VMware, Apache, BIND, Sendmail, Make, Rsync, SSHD, VI, MySQL, Samba, NFS, ZenOss, NTP, RHEL kickstart, SVN, and many others.
 - Familiar with PostgresQL.

Education

- **University of California at Davis**—Davis, CA – Majored in Computer Science
Graduated Winter, 2008
 - B.S. Computer Science
- **Diablo Valley College**—Pleasant Hill, CA – Majored in Computer Science
Graduated Spring, 2006
 - A.S. Computer Science
 - A.A. Liberal Arts
 - A.A. Intersegmental General Education Transfer Curriculum

Experience

- **IAC SAM/Ask.com**—Oakland, CA — April, 2008–Present
UNIX Systems Administrator 3
 - Was part of a team that designed, implemented, and maintained complex production VMware-virtualized environment
 - Engineered, built, and maintained highly-availably production networks.
 - Automated processes to minimize level of human interaction.
 - Participated in 24/7/365 on-call support.
 - Created tools and scripts to ease teammates' daily processes.
- **Silicon Valley College**—Walnut Creek, CA — January, 2001–June, 2002
Systems Administrator/Seminar Lecturer
 - Maintained student network and provided user support.

- Maintained UNIX-based production network.
- Taught seminars in advanced UNIX.
- **AWZ COM, Inc.**—Milpitis, CA — November, 1999–October, 2000
Sr. Web Systems Administrator
 - Maintained UNIX-based, high-availability, high-security production network in a 24/7/365 environment.
 - Maintained production network with a secure link to the development network.
 - Assisted users with general network and systems support.
 - Recruited teenagers to participate in design of website.
- **Millet Software, Inc**—Berkeley, CA — September, 1998–October, 1999
Sr. Web Systems Administrator
 - Implemented and maintained UNIX-based, high-availability production network in a 24/7/365 environment.
 - Implemented and maintained development network.
 - Beta tested and aided in development of patented P2P software.
 - Assisted users with general network and systems support.
- **Brobeck Phleger and Harrison, Inc**—Concord, CA — Jun, 1996–September, 1998
Jr. Administrator/File Clerk
 - Assisted in maintenance and development of employee network.
 - Performed general filing duties.

Achievements and Activities

- Maintain a long-time, high-security home production network (1994–present - <http://www.jackery.com/>).
- Founded the information systems security group NEUA.
- Manage a heterogeneous home network.
- Received federal SMART grant in engineering.
- Member of Golden Key Honors Society.
- Member of Phi Kappa Phi Honors Society.
- Honoree of the University of California’s Dean’s Honors List.

References available on request.

Updated resume available at <http://www.jackery.com/jackres.pdf>