

**Skills**

*Expert at* Active Directory, Apache, Bash, CentOS, CSS, Exchange, Gentoo, HTML, Java, JavaScript, Linux, MCSE, MS SQL Server, MySQL, PHP, RedHat, Rails, Ruby, Shell, SQL, Subversion, Windows

*Experience With* C++, CCNA, Cisco IOS, Cold Fusion, Fortran, IIS, ISA Server, J2EE, LaTeX, Perl, PostgreSQL, PowerShell, RUP, SuSE, Tomcat, UML, XML, XSLT

**Experience**

**Cooperative Institute for Research in the Atmosphere (CIRA)**, Ft. Collins, CO, Oct 2005 to Oct 2009

- Built and maintained multiple high-performance diskless Linux clusters
- Built and maintained Linux infrastructure using RedHat, CentOS, Gentoo, SuSe, OpenLDAP
- Dell and custom-built large-memory/multi-CPU machines
- Algorithm parallelization in Fortran using MPI and OpenMP
- Cisco and Netgear based switch infrastructure
- Designed and developed CIRA's website using PHP with a MySQL backend on IIS
- Developed application to track and search metadata for 80+ Terabyte archive of satellite data using MySQL, Ruby on Rails front-end, Scriptaculous, AJAX, Apache
- Supported ISCCP satellite data processing application using ANT, MySQL, PHP, Apache

**Penton Media/Windows IT Pro Magazine**, Loveland, CO, Sept 2004 to Oct 2005

- Wrote product reviews for Windows IT Pro Magazine
- Hands-on testing of 3<sup>rd</sup> party products for Windows
- Maintained Windows 2000/2003 Domains lab environment
- Maintained relationships with vendors of 3<sup>rd</sup> party Windows products.
- Reader's Choice survey site development and data analysis.

**Deloitte & Touche LLP, Enterprise Risk Services**, San Jose, CA, Sept 2002 to May 2004

- Audited IT risks and controls including security, change management, software development lifecycle, disaster recovery, business continuity
- Large and small clients, including Visa U.S.A and Inovant

**Microsoft**, Redmond, WA, May 2000 to Aug 2000

- Software Development Engineer in Test (Intern)
- Developed automated regression testing for Windows XP Remote Profiles
- Developed test plans for user state migration tool.

**Colorado Natural Heritage Program (CNHP)**, Ft. Collins, CO, Aug 1998 to May 2001

- Support for Windows NT Domain and 30+ desktops
- Administration for the IIS-based web site administration
- Responsible for backup and recovery using BackupExec

**Education**

B.S., Computer Science, Colorado State University, Fort Collins, Colorado, 2001  
 Microsoft Certified Systems Engineer (MCSE), 2002 (#2631662)  
 Cisco Certified Network Associate (CCNA), 2005 (CSCO10855981, Expired)