

**Steven Webb**  
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## Goal

Looking to break back into the programming world.

## Education

*Colorado State University* Ft. Collins, Co  
B.S. in Computer Science, May 1994

*Front Range Community College* Broomfield, Co  
A.S. in Mechanical Drafting, May 1990

## Experience

*Pronto.com* Boulder, Co  
September 2005 – June 2010 Lead Linux System Administrator

- Co-maintained over 500 Linux DELL computers, VPN, network, load-balancers and 3 SANs.
- Wrote perl, bash, php & sql on a daily basis.
- Wrote the entire image serving/resizing platform for all of our 600M product images in PHP.
- Lead a team of 4 sysadmins in all of the company's Linux system administration and network administration tasks in a PCI-compliant environment.
- My team also served as a backup for gifts.com and evite.com which are both sister companies to pronto.com.
- Did all of the hardware and software purchasing for the company using a purchasing system that I wrote myself.
- Provided developers with suggestions for solutions based on my programming background and my knowledge.

*National Center for Atmospheric Research* Boulder, Co  
August 1998 – April 2005 Senior Linux System Administrator

- Served as the lead system administrator with three subordinates in an all-Linux LAMP, Apache/tomcat environment.
- Responsible for 570+ server and desktop Debian Linux and Windows systems.
- Ported weather modeling software from SGI to Linux and designed and built NCAR's first Linux cluster.
- Admin'd over 500 nodes of Linux clusters for projects throughout the department (Aspen Systems, a Linux cluster manufacturer in Golden used my cluster design and built on it for their own design).
- Successfully defended many security audits utilizing my designs and systems (security was of paramount importance since customers were US Army test ranges)

*Wyndemere* Boulder, Co  
Dec 1995 - August 1998 Software Engineer II

- C, C++, Tcl/tk & Motif programming on Solaris and Linux
- Clearcase, CVS administrator
- Taught C++ to employees at lunchtime

## **Skills**

- Programming & Scripting Languages: bash, csh, c, c++, perl, php, sql, tcl/tk
- API's: BerkeleyDB, libcurl, mysql, memcache, pthreads, unix sockets, wxwindows, X11
- OSs: Linux (redhat/fedora/centos/debian/ubuntu/gentoo), IRIX, Solaris, Windows, Mac
- Protocols: html, snmp, smtp, tcp/ip, xml
- Servers: sendmail, apache/tomcat, squid, memcache, mysql admin & replication, nagios, cacti, oracle, samba, openldap, openvpn, nfs, dns/bind, nis, ntp, cvs, backupPC, amanda
- Monitoring: nagios, pingdom, smokeping
- Virtualization: Amazon EC2/S3, Xen, VMware
- CDN: Akamai
- High Performance Cluster Computing: myrinet, pbs, mpich, pgi, intel fortran compiler, ...
- Security: nmap, ssh/scp, SSL certs, snort, ids/ips, iptables, wireshark
- Hardware: Cisco Catalyst 2950/2980 switches, Cisco 675/678 routers, F3, Foundry (Brocade) & Crescendo load-balancers, EMC, Equilogic & Sun 7410 SANs, PC hardware, SGI

## **Post-Grad Certifications**

- 1998 - Clearcase Certification
- 1998 - Oracle 8i DBA Certification