

Sean Caron

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Skills

C/C++, Perl, UNIX shell script, HTML, JavaScript, MATLAB, VHDL

Mac OS X, Windows through 7/Server 2008, Linux, FreeBSD, Solaris, OpenVMS

ATM, Ethernet, ISDN, DSL, T-carrier, Frame Relay, TCP/IP, Cisco IOS/CatOS, Juniper JUNOS, Marconi Forethought, Nortel Meridian, Avaya Definity

AFS, Apache, AWStats, BIND, Coldfusion, CUPS, DHCPd, Drupal, Joomla, LPD, Kerberos, MRTG, MySQL, Nagios, NFS, OpenSSH, Qpopper, Postfix, PostgreSQL, Qmail, Samba, UW IMAPd, VMware Server/ESXi, Xen, ZFS

Education

UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING, ANN ARBOR, MICHIGAN

Sep 2001 - Dec 2009: Bachelor of Science in Engineering (Electrical Engineering)

Concentration in signal processing and control systems.

Experience

UNIVERSITY OF MICHIGAN SCHOOL OF PUBLIC HEALTH, ANN ARBOR, MICHIGAN

Feb 2006 - Present: Systems Administrator Associate

Lead administrator of all Linux and Solaris systems at a constituent school of the University of Michigan. Managed mission critical services including Apache, AFS, Kerberos, MySQL, BIND, CUPS, DHCP and Postfix with extensive use of Xen and VMware ESXi virtualization.

Assisted with general administrative tasks on Windows Server 2003/2008 in Active Directory.

Managed Cisco and Juniper switches running IOS/CatOS and JUNOS. Performed pilot testing of Bluecat Proteus DNS/DHCP appliance. Assisted with configuration of Checkpoint firewall.

Provided expert support to end users running Mac OS X, Windows, and Linux.

UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING, ANN ARBOR, MICHIGAN

Apr 2004 - Feb 2006: Backups Operator

Performed backup and restore operations in AFS and HP NetBackup.

Authored Perl scripts to generate HTML formatted reports from backups database.

Jan 2002 - Apr 2004: Computer Technician

Performed repair and upgrade of Apple Macintosh desktop and laptop computers.

CARON ENGINEERING INC, KALAMAZOO, MICHIGAN

May 2002 - Aug 2002, May 2003 - Aug 2003: Systems Administrator

Sole administrator of a dedicated Internet connection and all Solaris and NetBSD systems at a small engineering consultancy. Installed and configured Apache, BIND, Qmail, Qpopper, and Samba.

Managed Web design efforts and authored front end for customer FTP access in Perl.

TECH CARE COMPUTER SERVICE, KALAMAZOO, MICHIGAN

Jul 1998 - Aug 2001: Computer Consultant

Sole administrator of a dedicated Internet connection and all Windows and Linux systems at a small computer repair shop. Installed and configured Apache, BIND, Qmail, and Qpopper.

Planned and installed a fully structured twisted-pair Ethernet network for the shop building.

Provided computer repair and network consulting services to individuals and small business.