

# 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, Plan 9

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

AFS, Apache, BIND, Coda, CUPS, DHCPd, Kerberos, LPD, MRTG, MySQL, Nagios, NFS, Netatalk, POP3d, Postfix, PostgreSQL, Qmail, Samba, SSHd, Xen

## Education

UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING, ANN ARBOR, MICHIGAN

BSE in Electrical Engineering (2009). Concentration in signal processing and control systems.

## Experience

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

Feb 2006 - Present: Systems Administrator Associate

Sole administrator of all Solaris and Linux 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 virtualization.

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

Managed Cisco switches running IOS and CatOS. Assisted with policy configuration on 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/Engineering Intern

Sole administrator of dedicated Internet connection and all Solaris and NetBSD systems at a small engineering consultancy. Installed and configured services including Apache, BIND, Qmail, POP3d, and Samba.

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

Assembled prototype circuits and collected data with oscilloscope and multimeter.

TECH CARE COMPUTER SERVICE, KALAMAZOO, MICHIGAN

Jul 1998 - Aug 2001: Computer Consultant

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

Designed Ethernet network for building and installed all associated physical plant.

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