

John W. Steege

WORK ADDRESS

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HOME ADDRESS

OBJECTIVE System Administration and Network Management in a challenging environment.

EDUCATION Northwestern University, Evanston, Illinois

M.S. Theoretical and Applied Mechanics, June 1987.

B.S. Mechanical Engineering, June 1981.

BACKGROUND *System Administration* – Seven years. Procure, install, manage, and upgrade systems and major licensed software packages such as I-DEAS, C, FORTRAN, MARC, DADISP, and SoftPC. Manage and instruct users. Maintain system integrity. Identify and incorporate public domain software as needed for all platforms. Develop many scripts for automation of system operations such as file system backups, device interfaces, project demos, and account management.

Networking – Multi platform TCP/IP LAN installation, management and analysis. Oversaw connection to campus wide network. Manage local CISCO router, HP hubs, and GatorBox. Experienced with: Ethernet (thin, 10baseT); NFS; NIS; WFWG; PC-NFS; PC interface cards (3COM, SMC); packet drivers; Appletalk; MacTCP; AppleShare; GatorShare; E-mail (popper, sendmail, Eudora, NUPOP); Network services such as ftp, slip, ph, gopher, archie, USENET; Configuring SPARC's as device servers to PC's; Webmaster of <http://www.repoc.nwu.edu>.

Operating Systems – UNIX (Solaris 2.4, SunOS 4.1.4, LynxOS 2.2), VMS, PC/MS DOS 6.2, Windows 3.11, Apple 7.5.

Languages – FORTRAN, C; Bourne and C shell scripts, AWK, HTML.

Hardware – SPARC 5M, IPX, 1+ , 4-360 (VME bus); i486; IBM AT/PS2; Macintosh; PC A-D boards; memory installation; processor upgrades; configure hard disks on all platforms.

Peripherals – line, laser, and color printers; digitizing tablet; tape drives (including 9-track); modems; plotters; cdrom; slide recorder; cabling.

EMPLOYMENT Northwestern University, Chicago, Illinois

7/86 to present *Design Engineer*: Member of the Prosthetic Research Laboratory. Leader of a series of projects which use the finite element method to design prosthetic devices based upon models of human limbs. Experience:

- System Administration of program's LAN.
- Preparation of several successfully funded federal grants.
- Supervision of engineering and medical student research projects.
- Publication of articles and presentation of results at national meetings.
- Statistics (SPSS, BMDP).
- Linear and non-linear finite element analyses of elastomeric materials.

6/81 to 7/86 *Research Engineer*: Member of the Rehabilitation Engineering Program involved in research and design of total joint replacements.

6/80 to 6/81 *Co-op Technician*: Worked in a biomedical research lab investigating the retina.

6/78 to 1/80 **Gould, Inc.**, Rolling Meadows, Illinois

Co-op Technician: Part of a development team working to produce an optical fiber vibration sensor. Experience included use of lasers and optical instrumentation.

ACTIVITIES American Society of Mechanical Engineers; MENSA