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WILLIAM ANDREW PAUL

Experience:

1994-present System Manager, Columbia University Dept. of Electrical Engineering

Duties include:

Maintenance and administration of departmental and research TCP/IP network of approximately 80 UNIX systems (Sun3, Sun4, SGI-MIPS, HP-PA, IBM RS/6000, Intel x86), 30 PC systems (Intel x86 and Apple Macintosh), printers and associated network hardware (Cisco routers, switches and assorted hubs). Installation and integration of new software and equipment. Regular incremental tape backups. User support and troubleshooting. Also developed UNIX device drivers for wireless networking research group.

1992-1994 System Administrator, New Windsor Associates L.P.

Duties included:

Maintenance and co-administration of a network of 40 Sun SPARC workstations and approximately 30 PC systems. Monthly tape backups. Maintenance, installation and upgrade of software and peripherals. User support and troubleshooting.

1991-1992 Senior Programmer, University of Hartford Department of Computer Science

Duties included:

Part time administration of SunOS/Ultrix system consisting of one DEC and two Sun 3 file servers and eleven (mostly dataless) Sun workstations. Software/network support of faculty PC systems.

Skills:

SunOS 4.1.x/5.x, SGI IRIX 5.x/6.x, HP-UX 9.x/10.x, AIX 4.1.x/4.2, FreeBSD administration, including installation and configuration of related system, network and applications software (NIS, NFS, X11R5/6, XView, Motif, FrameMaker, Sendmail, GNU software, etc). Sun SPARC, SGI, HP-PA, IBM RS/6000 and Intel X86 hardware installation, upgrade and maintenance. Proficient in C, BSD sockets, BSD device driver, X11 and shell script programming.

Education:

1988-1990 Norwalk State Technical College

Awarded Associate of Science in Electronic Engineering Technology. GPA: 3.2/4.0, graduated with honors. Awarded Certificate of Excellence in Electronic Engineering Technology.

1990-1992 University of Hartford S.I. Ward College of Technology

Awarded Bachelor of Science in Electronic Engineering Technology with minor in Computer Science. GPA: 2.62/4.0

Independent work:

1994-present:

FreeBSD-based open-source software development, including the following contributions:

NIS v2 client side fixes and improvements

NIS v2 server side implementation (ypserv, ypxfr, yppush, rpc.yppasswdd)

Incorporation of Secure RPC

Various device drivers for network interface cards including fast ethernet, gigabit ethernet, USB ethernet, and wireless networking devices

Various system enhancements and debugging

References and salary history available on request.