

Michael P. Hall

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Work Experience

Managing Editor

Linux Today, Crossnodes, Linux Planet, INT Media Group/internet.com, Darien CT (09/00 – present)

Used technical knowledge of Linux and basic networking to assist writers in the production of polished, professional content for a technical audience composed of networking and server administration professionals. **Edited and wrote articles** on a variety of topics, including network management, operating system software, security, network standards and protocols, and system management software.

Managed a monthly budget of \$5000.

Installed and operated a wide variety of operating system and applications software including security administration and system management tools for the purpose of writing software reviews.

Tracked and reported on security vulnerabilities for a wide array of Linux/UNIX software

Database Administrator/Support Technician

Charlottesville High School, Charlottesville VA (12/97 – 09/00)

Maintained and operated a specialized relational database (SASI). Assisted network and server administration team with maintenance of a Netware-based LAN in support of over 120 Macintosh and IBM-compatible computers. **Provided technical support** to end users in the form of troubleshooting, maintenance, and basic repair of computer systems. Produced and published documentation. **Developed a data conversion method** that saved the school district in excess of \$2500 in third-party data conversion fees. **Developed vertical applications** using Visual Basic to ease access to the school database for the administrative team. **Performed basic user and group administration tasks** under Netware. Documented and made recommendations for security practices.

Training and Operations Manager

United States Army Signal Corps, (01/94 – 01/98)

Provided administrative, operational, and logistical support to an airborne communications company. **Wrote a custom database application** using Microsoft Access that was later adopted for personnel management in several NATO units. **Acted as unit computer security specialist**, ensuring Department of Defense information security system regulations were observed. Assisted in the development of mobile command center that allowed command staff to better utilize computer equipment in field environments. **Developed a unit communications system maintenance plan and managed unit-level maintenance** for a variety of communications equipment including FM and mobile subscriber (cellular) radios. **Supervised four personnel**, providing monthly evaluations.

Held a **Secret Security Clearance**.

Press Operator/Assistant System Administrator

Indiana University (04/91 – 12/93)

Operated a Xerox Docutech Imaging System and **assisted in the administration of a SunOS-based server**, providing networked job queuing to three Xerox Docutechs. **Provided basic technical support** to staff members in the user of IBM-compatible computers, including instruction in software and basic network communications.

Technical Skills

Operating Systems

Linux: Use and administration of a variety of Linux-based operating systems, including Red Hat (through 7.3), SuSE (through 8.0), and Debian GNU/Linux (through 3.0)

Windows 32: Use and basic maintenance of Microsoft Windows (3.x, 95, 98, 98SE, ME, XP Personal)

MacOS: Use and basic maintenance of MacOS (9.2, 10), including use of Macintosh Manager remote management software.

Network: Basic user and group administration (4.x)

Services Software

Configuration and installation of University of Washington IMAPD 2000, sendmail, Apache 1.3, NFS, Samba, exim, xinetd, netatalk, lpd, lprng, CUPS, Squid, Jabber IM Server, and procmail.

Client/End User Software

E-mail: Outlook 2000, Outlook Express, Eudora 5, PINE, mutt, UNIX mail, SquirrelMail (installation, configuration), Evolution.

Web Browsers: Internet Explorer, Mozilla, Opera, links, Lynx

Office/Productivity Applications: Microsoft Office 2000, OpenOffice/StarOffice, LaTeX, Emacs,

Administration Tools: ssh, vi, Webmin, Snort, VNC

Languages

Able to read and debug basic Perl, Python, Bourne Shell, and sed scripts. Comfortable automating basic tasks with shell scripts. Able to read and write HTML, including use of cascading style sheets.

Publication Credits

The Joy of Linux

Prima Tech, 2001

Co-Author of a book centered around the use and cultural history of the Linux kernel and associated operating systems.

Linux Planet, Instant Messaging Planet, 802.11 Planet

Linux/Open Source Channel, Earthweb (04/00 – Present)

Wrote a number of articles pertinent to Linux and UNIX use and administration by network and systems management professionals, including:

“Protecting Your Linux System with FireStarter and Storm Firewall” , Linux Planet
<http://www.linuxplanet.com/linuxplanet/reports/2719/1/>

“Penguins Over the Wires: X Servers for Windows”, Linux Planet
<http://www.linuxplanet.com/linuxplanet/reports/2894/1/>

“802.11 Planet: WiFi and the Penguin: Setting Up 802.11b Under Linux”, 802. 11 Planet
http://www.80211-planet.com/columns/article/0,4000,1781_945271,00.html

“Build Your Own Instant Messaging Solution with Jabber”, Instant Messaging Planet
http://www.instantmessagingplanet.com/enterprise/article/0,,2841_944721,00.html