

James McOrmond

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IOB EXPERIENCE

October 2002 - Present

Xandros Inc., Ottawa, Ontario

- Network Administrator - I am primarily responsible for installation and maintenance of all public and internal production servers including firewalls, DNS/DHCP, web, file and email. As Scalix is primarily used in non-Debian environments, this required me to get familiar with Red Hat style Linux systems again. I have also researched and planned migration projects into Cloud Computing with Amazon EC2. The network I manage is a mix between CentOS, Debian and Xandros Servers.

October 2001 - July 2007

Xandros Inc., Ottawa, Ontario

- Quality Assurance - Xandros Desktop & Server Products.
Performing and creating testing strategies. Xandros Desktop, is a Linux based desktop Operating System, designed to replace Windows in an office environment. During my time here, I have been involved with testing primarily the hardware compatibility and networking aspects. I have also been involved in feature design such as the Firewall, and Clustering plugins, as well as support issues and product updates.

July 2001 - December 2001

Open Concept Consulting, Ottawa, Ontario

- PHP/MySQL Web developer - WLP Contract.
Designed and implimented the web interface for administration, and end users to an online bibliography searching/filtering system.

May 2000 - July 2001

Rebel.com, Ottawa, Ontario

- Quality Assurance - NetWinder Office Server Product.
Performing and creating testing strategies. The NetWinder OfficeServer is a small footprint, low heat, low power, internet server-in-a-box. It is based on the Linux RedHat OS, operating on a custom hardware computer. During my time here, I have been involved in creating and performing test plans, reporting bugs, making suggestions for changes in the web based GUI, as well as feature enhancements. I have also taken on managerial duties as the team leader.

January 1999 - May 2000

Cyberus Online Inc - Ottawa, Ontario

- Unix system administration - One of Ottawa's Largest Internet Service Providers.
Daily maintenance of customer accounts including virtual domain (web, email and ftp) services, as well as programming, application/system configuration, and installation of ISDN and ADSL equipment for new customers. Operating Systems in use included Solaris, Solaris x86, and FreeBSD.
Programming projects include an IP address allocation tool, and the bulk of the user administration tools for the EduNET project providing uniform internet access to Carleton University, Ottawa University, and La Cité Collégiale. Most web development done was using PHP3 and the MySQL database system.

May 1998 - January 1999

P&L Communications, Ottawa, Ontario

- Linux Contract - installation, configuration, and Linux training, of RedHat 5.0 using KDE, on various different systems.

January 1993 - December 1998

Algonquin College - paid tutor, teaching assistant, and night school professor.

- specializing in C and C++ Programming, networking as well as Linux/Unix Administration.

PERSONAL EXPERIENCE

Software Installations

- Debian/Xandros, Red Hat/CentOS, SuSE and Slackware Linux
- FreeBSD, Solaris 2.5/2.7 x86 and Sparc
- Zimbra/Scalix (collaboration), MediaWiki/TWiki (authoring), Sendmail/PostFix/Courier/Exim (email), INN/Cnews (nntp), Bind (DNS), Apache w/PHP/SSL (WWW), MySQL (database), TWIG (Webmail), FreeS/WAN (IPSec), FreeRadius (auth) and OpenLDAP (LDAP Server)
- Linux Kernel fire-walling and masquerading, with the Squid proxy

Hardware

- Cisco, Sonicwall, Ascend, Dlink, Linksys, and Livingston
- Analog, xDSL, ISDN, "Cable Modem", Wireless APs, Bridges & Routers
- CAT5/6 Ethernet cabling and LAN installation
- PC Tower and Rack configuration and assembly

Over 20 years of programming experience in languages such as:

- 6502, 8086 & 68000 Assembly Language
- C and C++ on computers using AmigaOS, MS-DOS/Windows and various forms of Unix
- PHP and MySQL web based database programming

where I have learned excellent code debugging and documentation skills.

FORMAL EDUCATION

September 1994 - August 1998

Computer Engineering/Computer Technology - Computer Science
Algonquin College, Rideau Campus, Ottawa, Ontario

September 1992 - 1995

Computer Systems Technician Diploma
Algonquin College, Rideau Campus, Ottawa, Ontario