

Kurt Mosiejczuk

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Results-oriented UNIX/Windows Systems Administrator with 15+ years experience managing IT for the first undergraduate software engineering program in the US. Adept at forward-planning, problem-solving, and specification and integration of systems for a targeted userbase.

Technical Competencies

Languages:	C, Shell scripting (sh/ksh/bash), SQL, Perl, Tcl/Tk/Expect, Python	Management:	Windows Active Directory, Windows Server Update Services, Netapp, Netsupport
Environments:	OpenBSD, Windows Server, Windows 10, Debian, Ubuntu, Solaris (2.5.1-10), CentOS	Backup:	Commvault, Bacula, Amanda
Virtualization:	vCenter, ESXi, vMotion	Monitoring:	Nagios, Zabbix
Database:	MySQL, PostgreSQL, SQLite	Networking:	PF, IPFilter, PXEboot, NFS, NIS, DNS, DHCP, BIND, Unbound
		Email:	qmail, OpenSMTPd, Sendmail, Dovecot, Roundcube

Recent Experience

UNIX / Windows Systems Administration

January 2004 – Current

Rochester Institute of Technology

- Purchased, configured, deployed and maintained faculty and department equipment and peripherals
- Coordinated physical access to facilities using Lenel access control systems
- Management and troubleshooting of servers and workstations in instructional facilities and offices
- Maintained a large collection of project VMs using VMWare ESX and performed migrations
- Direct integration of Kerberos and LDAP for cross-platform integration
- Configured Ghostcast production servers and deployed hands-free installation with custom scripting
- Managed student employees and interfaced with a multi-departmental team of IT professionals
- Disaster planning and high-pressure patching and redeployment and intrusion response
- Developed and followed data and record retention and destruction policies
- Developed organizational knowledge and procedures record-keeping

OpenBSD Development

2019 - current

- Sparc64 release and snapshot package builds
- Focus on Python port integration
- Improvement of testing infrastructure
- Improvement of portgen, an automated software-porting infrastructure

Invited Talks

“Making Your Own Console Server Using OpenBSD (using only base... and serial hardware)” BSDCan 2018

“The Care and Feeding of OpenBSD Porters” vBSDCon 2019

Education and Affiliations

Bachelor’s Degree in Applied Networking and System Administration

Rochester Institute of Technology, 2014

Member of RIT Computer Science House

Participant in the Genesee Valley System Administration Guild

Previous Experience

Systems Engineer

January 2001 – July 2002

Pitney Bowes Management Systems (formerly Danka)

Senior Consultant

July 2000 – January 2001

Ciber (assigned to Danka Systems International)

- Designed and deployed computing and network resources for customer print sites
- Implemented reliability infrastructure for ASP production server
- Supported numerous customer sites

Field Engineer

February 1998 – July 2000

Rochester Software Associates, Rochester, NY

- Developed plan allowing customers to upgrade OS, Oracle, and related components for Y2K compliance
- Helped develop plan to consolidate company computing resources for increased performance and reliability
- Responsible for Y2K compliance of company servers

Software Development Contractor

June 1996 - February 1998

Manpower (for West Group), Rochester, NY

- Participated in migrating AutoCite project to work with new database
- Worked extensively data mining legacy database
- Participated in automating manual processes for publishing NYCRR

Software Development Co-op

June 1995 - June 1996

Lawyer's Cooperative Publishing (now West Group), Rochester, NY

- Tested, debugged, and wrote user documentation for applications written in PowerBuilder
- Coded SQL scripts to implement publication-formatting options via database tables
- Coded helper applications cutting debug time by 75% when developing formatting option scripts