Kurt Mosiejczuk

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Results-oriented UNIX/Windows Systems Administrator with 20+ years of experience and open source OS Developer. Adept at forward-planning, problem solving, and specification and integration of systems for a targeted userbase.

Languages:	C, Shell scripting (sh/ksh/bash), Perl, Tcl/Tk/Expect, Python Ruby, SQL	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/Monitoring:	Commvault, Bacula, Amanda, rsync Nagios, Zabbix
Virtualization:	ESXi, vCenter, vMotion, Proxmox	Networking:	PF, IPFilter, PXEboot, NFS, NIS, DNS, Kerberos, LDAP, DHCP, BIND, Unbound
Database:	MySQL, PostgreSQL, SQLite	Email:	qmail, OpenSMTPd, Sendmail, Dovecot, Roundcube
Web:	Apache, NGINX, OpenBSD httpd	Version Control:	CVS, Git, Github, Gitlab

Systems Reliability Engineer

June 2021 – Current   Calyptix Security Corporation

- Preventative software maintenance and support for OpenBSD-based security appliances for small/medium-sized businesses
- Cleanup and refactoring of legacy code
- Creation of software ports to upstream and reduce maintenance burden
- Improvement of site and procedures documentation

UNIX / Windows Systems Administrator

January 2004 – May 2021   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 dozens of project VMs using VMWare ESXi and performed migrations
- Direct integration of Kerberos and LDAP for cross-platform integration between AD and Linux/OpenBSD
- Configured Ghostcast production servers and deployed hands-free installation with custom scripting
- Managed student employees and assistants and interfaced with a multi-departmental team of IT professionals
- Disaster planning and high-pressure patching and redeployment and intrusion response
- Developed organizational knowledge and procedures record-keeping

BACHELOR'S DEGREE IN APPLIED NETWORKING AND SYSTEM ADMINISTRATION
Rochester Institute of Technology, 2014

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

OpenBSD Development
2019 – current

- Sparc64 release and snapshot package builds
- Focus on Python port integration, fixes and upstream improvements
- Improvement of project testing infrastructure for Python ports
- Improvement of portgen, an automated software-porting infrastructure
- Forked LWJGL3 and created OpenBSD support

Additional 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)

Field Engineer

February 1998 – July 2000   Rochester Software Associates

Software Developer

June 1996 – February 1998   Manpower (for West Group)

Software Development Co-op

June 1995 – June 1996   Lawyer's Cooperative Publishing (now West Group)