
SOFTWARE PROFICIENCIES	<i>Core competencies</i> Linux (Debian & Ubuntu, Redhat/CentOS, Arch), Mac OS X, OpenSolaris/OpenIndiana, Windows 95 7 Mail delivery (Dovecot, Postfix, Sendmail, Spamassassin, DKIM/SPF) Data storage (Linux md & LVM, btrfs, ZFS); experience in <50TB environs File service (NFS, Netatalk, Samba) Virtualization (QEMU/KVM, VirtualBox) Web service (Apache, NGINX, Lighttpd) and applications (MediaWiki, OwnCloud) Backups (Crashplan ProE); Monitoring (Nagios, Munin); Networking (pfSense, dd-wrt, OpenWRT) Miscellaneous: LibreOffice, Microsoft Office, Adobe Creative Suite, Aperture, Lightroom <i>Basic knowledge</i> Cisco CatOS, OpenSWAN, Legato Networker, OpenLDAP, certificate authority setup, L ^A T _E X
HARDWARE PROFICIENCIES	PC assembly/upgrades; repair of Apple desktop and portable computers up to 2009; Supermicro, Hewlett-Packard Proliant and Dell PowerEdge servers; HP MSL tape libraries; Apple Xraid, 3ware, Dell, and Supermicro storage chassis
PROFESSIONAL EXPERIENCE	Harvard Medical School, Boston, MA <i>System Administrator</i> OCTOBER 2007–APRIL 2014 <ul style="list-style-type: none">✧ Plan, purchase, deploy, and maintain 30 Linux, Windows, MacOS X, and Solaris servers providing backup, email, file, and web services for a department of 250 users✧ Second-tier support for major or complicated end-user support issues✧ Advocate and liaison for researchers with school IT department✧ Advised Polonator team on Linux system administration and deployment for two embedded Linux servers in an open-source DNA sequencing machine. Substantially increased reliability and performance of email services, pioneered deploying a department-wide desktop backup system, introduced performance monitoring and alerting, substantial migrations off EoL hardware/software, and deployed a virtualization system to meet internal needs and provide researchers with personal linux servers Massachusetts General Hospital, CMIR Boston, MA <i>Systems Manager</i> JANUARY 2007–OCTOBER 2007 <ul style="list-style-type: none">✧ Linux administration of web-based Laboratory and Imaging Management System✧ Desktop support for 100 researchers and staff scientists✧ Advocate and liaison with hospital IT department for researchers Mullen Advertising, Wenham, MA <i>Senior IT Technician</i> MAY 2004–FEBRUARY 2005 <ul style="list-style-type: none">✧ Expert-level desktop support and troubleshooting for 300 business and creative MacOS users

