

Christopher Daniel Avrich

avrich@alum.mit.edu

- Introduction** Highly intelligent and motivated fast learner, looking to advance his career quickly through challenging positions that will enrich his experience.
- Proficiencies** Operating systems:
Solaris 8/9/10, Red Hat Enterprise Linux 3, Debian Linux, Windows Server 2003, Windows XP
- Hardware:
Sun X86: X4100, X4600, X4500
Sun Sparc: SunFire V440, V240, V215, V480, V880, 420R, 280R
Dell PowerEdge 2650, 2850, 2950
Sun StorageTek 6140, 6540
Xyratex nStor 4300, 4900
NexSAN ATABoy2
QLogic HBA 2340, 2460
Overland Neo 2000 Stacker
NetApp 3020c, FAS270
IBM BladeCenter
Summit Extreme 48si Switch
- Database Administration:
Oracle 9i/10g, Sybase ASE 12.5
- Programming:
Perl, Java, HTML (including CSS and W3C compliance), SQL, Active Server Pages (ASP), LaTeX, Visual Basic, Pascal.
- Experience** **KBC Financial Products** **New York, NY**
April 2006 - Present.
Systems Operations Generalist
- Responsible for the maintenance and troubleshooting of 200+ servers in an on-site data center, as well as remote support of our global infrastructure of 500+ servers.
 - 24/7 On-Call approximately 1 out of every 5 weeks.
 - Installation of servers, SAN, and NAS in data center, including all rackmounting and cabling.
 - Continuous monitoring of server status using Netcool dashboard (SNMP alerting).
 - Replacement of faulty server components (power supplies, disks, memory, fans, etc.)
 - Rebuilding RAID sets after disk replacement (servers and SAN).
 - Installing server OS, including Solaris 8 & 10 jumpstart, RHEL 3 kickstart, and Windows Server 2003.
 - Using remote management cards for debugging and server setup (SPX, SC, RSC, DRAC).
 - Working with Windows Active Directory and Systems Management Server (SMS) for user administration and package deployment.
 - Working with NIS: allocating DNS names/IPs and setting up DHCP entries for hosts; configuring netgroups; renaming hosts and/or changing their subnets.
 - Configuring VLANs.
 - Setting up mailing lists - unix aliases; using procmail to call mail processing scripts and helping developers with troubleshooting.
 - Working with cronjobs, unix groups/permissions, filesystem initialization/mounting (UFS and ZFS), and package installation on Solaris (make).
 - Installation of Perl modules using PPM; wrote a Perl script which parsed PPM output to identify inconsistencies in package versions across platforms.
 - Overseeing weekly tape backups for shipment offsite; fixing failed or problematic backup jobs; troubleshooting tape library hardware problems.
 - Sybase & Oracle database Administration: database/tablespace creation and sizing; user administration; data device mirroring (Sybase); disk allocation and migration of filesystems across storage; restorals from backup.
 - Installation of Direct Connect for replication of data from Sybase to Oracle.
- Massachusetts Institute of Technology** **Cambridge, MA**
March 2002 - April 2006.
Athena Computing Consultant
Supported a robust Red Hat Linux and Solaris-based computing environment with a user base of about 10,000. Diagnosed user problems with email, printing, and workstation hardware, and helped or escalated as appropriate. Answered questions about various common software, including Emacs, LaTeX, Matlab, and Star Office. Assisted in upkeep of support documentation.

Network Appliance, Inc. **Waltham, MA**
June 2000 - August 2000.
Intern, Quality Assurance
Spearheaded migration from home-grown bug tracking system to GNATS bug database software, through custom Perl scripts. Ran data-transfer test suites on specialized fiberoptic network hardware, and reported results to QA team.

Dorot, Inc. **New York, NY**
June 1999 - August 1999.
Tech support/Assistant Network Administrator.
Supported a user base of 50 employees with their technical problems. Set up and maintained printers and terminals on a Windows NT network. Wrote documentation for common tasks, such as email use.

Goldman, Sachs, and Co. **New York, NY**
November 1996 - August 1997.
Intern, Information Technology.
Analysis of uptime and load data for firm-wide server base. Programmed Excel/Visual Basic spreadsheet applications to generate charts using SQL database queries. Also assisted with creation of HTML/Perl web front-ends for these reports.

Education **Massachusetts Institute of Technology** **Cambridge, MA**
Bachelor of Science degree in Computer Science, June 2003. Minor in Mathematics.
Cumulative GPA: 4.3/5.0

Honors Member, Eta Kappa Nu (HKN), the Electrical Engineering honor society.
Member, American MENSA.
Alumnus of Zeta Beta Tau Fraternity, Xi Chapter; leadership roles included Social Chairman, Secretary, and Historian.