

# Michael A. Hamblin – Distribution Copy – July 2010

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## Professional Profile

Uniquely qualified in technical expertise, team management, and customer service. Able to bring strong management capabilities and exceptional technical skills to bear on difficult problems. Took lead role proposing, architecting, and implementing a diverse range of projects and solutions, providing substantial value to the University. Manages technical teams by developing rapport, training employees, and delegating tasks and projects. An out of the box thinker, proposing innovative solutions, dramatically reducing costs, while maximizing uptime and productivity.

## Professional Experience

### Engineering Tech (ETech), The University of Texas at Dallas: June 2001-Present

Provided direction and implementation for a number of Enterprise storage, backup, computational, infrastructure and virtualization projects for the Engineering School, research centers, laboratories, and special projects. Provided primary support for 120 Solaris and 50 Linux servers and workstations. Administrated licensing and performed software management for dozens of engineering applications for multiple environments. Trained and mentored new technical staff, lead project teams, seamlessly managed operations in supervisor's absence.

## Featured Accomplishments

- Proposed, architected, and implemented a QLogic Fiber Channel SAN infrastructure with a Sun StorEdge 6920, a Sun Solaris home directory file server providing NFS and SAMBA services for nearly 1,500 users, an Overland NEO8000 LTO3 jukebox using Sun Enterprise Backup System, and disaster recovery plan.
- Architected, negotiated contracts, and led implementation on computational research solution for TxACE, including 32Tb NAS, 150 SunRay thin clients, dual Sun Blade 6000 Chassis, 4 computational Linux Blade Servers, VMware vSphere 4.0 load balanced Environment, and BakBone NetVault D2D VTL solution.
- Implemented a variety of security strategies: Early adopters of Sunbelt Software Counterspy, Cisco IronPort Web Proxy. Implemented McAfee Endpoint Encryption. Lead Solaris and Linux hardening initiatives. Proposed significant AD Policy changes. Implemented GFI LANguard for Windows Patching. Participated in University evaluation of BigFix and Configuresoft SCM.
- Coordinated and prioritized budgets for maintenance and service contracts, equipment replacement, software and licensing renewal contracts. Assisted in baseline budgeting, special project budgets, and setting purchasing priorities.
- Proposed and implemented multiple computational Solaris, Linux, and Windows Server systems for the Engineering school, research centers, and laboratories.
- Oversight on multiple network infrastructure upgrades: Implemented Cisco 2924 switched environment, rearchitected VLAN structure, initiated wireless 802.11g Deployment, proposed and initiated Cisco 2960 Gigabit upgrade. Presently investigating Juniper switching environment for data center.
- Coordinated a series of power infrastructure upgrades with Physical Plant to expand power capacity, expand Emergency Power Bus, and perform upgrades to diesel power generators. Deployed Liebert, Mitsubishi, and APC UPS systems.

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## Information Resources, Unix Systems Group: July 2000-May 2001

Unix System Administrator. Performed maintenance on critical servers, software installations, supported University departments. Performed intrusion detection and response. Developed documentation and Perl scripts.

## Engineering and Computer Science (ECS) Technical Support: March 1999-June 2000

- **March 2000-June 2000.** Promoted to Software System Specialist. Increased responsibility for management of core Unix services. Managed staff and student workers. Deployed Solarium student lab with SunRay 1 thin clients.
- **September 1999-December 1999.** CATSS Support. Administrated an independent network of SGI Indy Workstations and RedHat Linux PCs.
- **May 1999-June 2000.** QuEST Forum Metrics Repository System Administrator. Architected system design, configured and secured critical submission systems.
- **March 1999-March 2000.** Assistant Computer Support Technician in ECS. Supported Windows, Solaris, Linux, VMware Workstation, Cisco 2924 switches.

## Information Resources, Technology Customer Services: May 1998-February 1999

TCS Help Desk. Provided support with all campus computing platforms by telephone, email, and walk-in requests. Responded to security issues.

## Information Resources, Student Labs: August 1997-May 1998

Computer Assistant. Provided customer support for Solaris systems, WYSE Terminals, NCD X-Terminals, and troubleshooting of student problems.

## Nortel Networks, Ltd.: January 1997-August 1997

Intern. Intensive Perl scripting, web design, documentation writing and review for 2V92 Test Tool Support Team.

## Education

### The University of Texas at Dallas.

Enrolled BSEE Program. Completed 129 hours toward degree.

**Related Activities:** Founded Linux User Group at UTD, Online Chair for Quest Christian Organization, Treasurer for Society of Women Engineers. Member, IEEE.

## Other Activities

### Technical Hobbies

- Active player, EVE Online MMORPG, since 2006.
- Co-Operated DucTape.Net, Public Access Linux. System Featured Cyrus IMAP (now Zimbra), Web Server with PHP and CGI Security Extensions, MySQL, SSH.
- Experimented with Networking, Operating Systems (Various Linux, Solaris, BeOS, OS/2, Windows NT, MacOS, NeXTSTEP) and Hardware Platforms (UltraSPARC, Macintosh, SGI, NeXT, DEC Alpha, Amiga)
- Operated Public BBS, 1994-1997.

### Trinity Bible Church, Richardson.

**2009-Present.** Member, Missions Committee.

**2006-2009.** Volunteer with International Students, Inc.

**2001-2005.** Student Ministry Leadership. Discipleship Program Leader.