Jimmy Allen Shaw, Jr.

CONTACT INFORMATION

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PROFILE

Education in telecommunications and computer science, with additional skills in network operations, high-level technical support, and carrier grade internet connectivity sales. Experience in web development, computer programming, routing and switching infrastructures. Expertise in monitoring and managing local and wide area network security, data center operations, and server administration.

EDUCATION

University of Kentucky, Lexington, Kentucky USA
School of Journalism and Telecommunications
Bachelor of Science in Telecommunications (GPA 3.35), August 2001

EMPLOYMENT EXPERIENCE

QX.Net, Lexington, Kentucky USA
Co-location Manager/Network Engineer **January 2003 - February 2005**
Managed ISP's bandwidth and space resources within co-location/datacenter. Prepared quotes and contractual documents for new co-location, T-1, and other carrier grade connectivity clients. Provided high level technical phone and on-site support for corporate and residential clients. Monitored network resources to ensure efficient usage and high levels of security. Performed new server installations, software upgrades, and general maintenance. Managed installation of switches and routers along with Ethernet and fiber optic cables. Planned for future growth and expansion of network and data center facilities. Researched new methods for delivering high speed and wireless internet connectivity within rural and metropolitan areas.

iHigh.com, Lexington, Kentucky USA
Network Operations Administrator **June 2000 - January 2003**
Responsible for monitoring and maintaining local and wide area networks to assure security and performance. Worked closely with VP of Technology to build and manage company's technical resources and to select technical vendors. Administered telecommunications services such as PBX, voice mail, fax, and phones. Consulted Field Representatives on technical computing issues. Managed company e-mail, DNS, and intranet services. Installed server operating systems and software. Performed troubleshooting and repaired malfunctioning hardware and software.

University of Kentucky Student Computing Services, Lexington, Kentucky USA
Technical Consultant **January 1999 - June 2000**
Advised students on technical computing issues. Diagnosed and repaired malfunctioning computer software, hardware, and printers. Assisted professors with multimedia presentations.

TECHNICAL SKILLS

Operating Systems

- Windows: 95/98/ME/NT/2000/XP, 2000 Server and Advanced Server
- Linux: Redhat, Mandrake, Slackware, Debian, Suse
- Unix: Sun Solaris, FreeBSD
- Other: Mac OS X, MS DOS, Palm OS

Networking

Layer 1 & 2 - Physical and Datalink:

- Twisted pair: Fast Ethernet, Gigabit Ethernet, ATM, T-1 (CSU/DSU MUX), ISDN, Frame Relay, xDSL (RBE), PPP
- Fiber Optics: OC-3
- Coaxial: DS-3, Cable Modem
- Wireless: 802.11 - Lucent/Proxim Tsunami QuickBridge, Wireless Access Points

Layer 3 & 4 - Network and Transport:

- Protocols
  - TCP/IP, UDP, ICMP
- Switching and Routing
  - Cisco Routers (7200 and 7500 series)
  - Cisco Catalyst Switches (2900XL and 3550)
  - Cisco Pix Firewall
  - Cisco Local Director
- Virtual Circuits (PVC) and VLANs

Layer 5 & 7 - Session and Application:

- Protocols
  - SSH, Telnet, RPC
  - FTP, NFS, SMB, NetBIOS,
  - DNS, Traceroute, SNMP,
  - SMTP, POP3, IMAP

Programming

Languages:

- HTML, DHTML, XML, PHP, C/C++, SQL, UNIX shell scripting

Software

- Microsoft Windows 2000 Server
- Microsoft Active Directory
- Microsoft IIS/FTP
- Microsoft Terminal Services
- Microsoft Exchange Server
- Microsoft SQL Server
- Microsoft Office 2000/XP
- Microsoft Visio
- Norton Antivirus Corporate
- Norton Ghost
- Novell Netware
- Cisco IOS
- Apache Web Server
- Vircom Modus Mail
- Boardtown Platypus
- Vignette Story Server
- Adobe Photoshop and Illustrator
- Macromedia Dreamweaver
- MRTG/Cacti
- Secure CRT/PuTTY
- VNC/pcAnywhere
- Netscape, Mozilla Firefox, and MSIE
- Microsoft Outlook/Outlook Express
- Mozilla Thunderbird

Hardware

- Dell PowerEdge Series Severs
- Dell PowerVault RAID Arrays
- Sun Enterprise Servers
- EMC Symmetrix NAS
- APC Symmetra Battery Backup Systems
- FM-227 Fire Suppression Systems
- Card-Key Access and Biometric Devices
- Remote Surveillance Cameras
- Fluke Networks MicroScanner Pro

Telecommunications

- Lucent Max TNT
- Lucent Definity PBX
- Lucent Intuity Audix Voice Mail
- Inter-Tel PBX Unified Messenging
- VoIP/SIP

Multimedia

- Digital photography and video production
- Video switching, editing, encoding, and internet streaming
- DVD Video Authoring
- Audio mixing, encoding, and streaming
- Laser, Ink Jet, Thermal, Dot Matrix Printers and Plotters

Honors

- University of Kentucky Society of Telecommunications Scholars

Activities

- Completed EMC Training for Network Attached Storage, Hopkinton, Massachusetts 2002
- Attended the International Engineering Consortium's 1999 and 2000 National Communications Forum in Chicago
- Enjoy digital photography, travel, cooking, golf, video games, movies, and music

References

Available upon request