

Nathan Payne

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PROFILE

Talented, results-driven IT leader charged with making crucial decisions in a time-sensitive, high-pressure, high availability environment. Experienced engineer capable of sustaining live television computer systems with versatile, cross-platform abilities in systems/network architecture, installation, implementation, integration, security, and administration in local and remote environments.

EXPERIENCE

Systems Engineer – Broadcast Engineering & Systems Technology, CNN, Washington, DC (2005-Present)

- Design, configure, implement, performance tune, and troubleshoot a storage area network (SAN) in support of a very complex, high-bandwidth workflow, allowing scores of users concurrent read and write access to shared volumes comprising terabytes in size requiring three nines availability for the broadcast environment.
- Administer all aspects of an advanced, distributed computer system supporting specified functional areas of broadcast operations.
- Perform system/application analysis, design and programming to produce a variety of innovative solutions to complex problems.
- Design, plan, and coordinate system, network, and application monitoring solutions. Perform growth analysis and capacity planning.
- Design, plan, coordinate, and implement systems to meet future needs.
- Develop multimillion dollar capital and operating budget proposals.
- Design, research, evaluate, budget, purchase, install, configure, and troubleshoot all hardware, peripherals, and equipment necessary to meet integrated systems objectives.
- Provide leadership for direct reports, including coaching/mentoring via 1:1 meetings, providing timely and accurate feedback, managing activities against priorities/deliverables, providing direction regarding priorities of requests, addressing issues as they relate to the quality and timeliness of daily activities.

System Administrator – Broadcast Information Technology, CNN, Washington, DC (2003-2005)

- Managed multiple servers and workstations, ensuring proper integration of these components with existing broadcast and IT systems.
- Designed and programmed specific applications in response to department/client needs; installed and debugged new and/or upgraded software on server and client platforms, ensuring compliance with current site licenses.
- Designed, programmed, and managed websites and associated pages.
- Installed new software releases, system upgrades, evaluated and installed patches and resolved software related problems.
- Maintained data files and monitored system configuration to ensure data integrity.
- Performed system backups and recovery.
- Provided on-call consulting advice and technical support to various users/client organizations regarding specific operational/applications issues.
- Troubleshoot networks, systems, and applications to identify and correct operational problems.

Technical Analyst – News Systems Technology, CNN, Washington, DC (2002-2003)

- Installed and supported portable and desktop hardware and software in the DC Bureau as well as off-site locations that included the White House, Senate, House, State Department, and Pentagon.
- Applications supported include: email, internet browsers, Microsoft Office, Avid iNews, and MediaSource.
- Operating systems supported include: Windows 98, Windows 2000, Windows XP, and Windows NT.
- Supported local TCP/IP network; created and updated user accounts; enforced security policies; maintained telephone system.
- Provided off-site anchor support including portable computers, VPN access, and field teleprompters.
- Responded to help desk calls.
- Developed and implemented various training and instruction programs on the use of operating systems, networking, applications, and databases.

Information Systems Analyst – CivicZone.com, Alexandria, Virginia (1999-2001)

- Researched off-the-shelf solutions and provided LAN support to a rapidly-growing web startup company.
- Installed, upgraded and configured network equipment (servers, hubs, switches, and routers) for use on operational networks.
- Administration, installation, maintenance, and troubleshooting of Windows NT web application servers, Windows NT file servers, SQL Server database server, and a Windows NT-based electronic mail system.
- Set up and managed the internet connection using a T1 circuit, CSU/DSU, TCP/IP Router, SMNP Management, DNS, and a firewall.
- Set up and maintained a company-wide virus scanning software on both servers and clients.
- Assembled and distributed systems to operational users.
- Support and development of PowerBuilder-based database application.

Web Developer – *University Publications/Webmaster, University of Virginia*, Charlottesville, Virginia (Summer 2001)

- Provided technical assistance in development of University of Virginia web sites.
- Edited website content, developed site architecture, designed graphics for various websites.
- Digitized video from University archives for the web.
- Advised director on hardware procurement and maintenance.
- Trained staff in use of web development software.

Instructor – *Technology & Resource Center, George Mason University*, Fairfax, Virginia (2001-2002)

- Designed curriculum and instructed workshops in HTML, UNIX, Dreamweaver, Fireworks, Photoshop, Illustrator, Premiere, and Office.

EDUCATION

Bachelors of Science in Management Information Systems and Decision Sciences, George Mason University, Fairfax, Virginia.

PROFESSIONAL DEVELOPMENT HIGHLIGHTS

Windows Server 2003, Learning Tree International, Reston, Virginia.

Windows Server 2003 Active Directory Planning & Migration, Learning Tree International, Reston Virginia.

Deploying & Managing Windows Server 2003, Learning Tree International, Reston, Virginia.

UNIX Administration, Learning Tree International, Reston, Virginia.

MacOS 200 Mac OS X Server Essentials, Apple Computer, Inc., Reston, Virginia.

MacOS 335 Directory Services Integration and Administration (Client/Server), Apple Computer, Inc., New York, New York.

Xsan 300 Xsan Administration, Apple Computer Inc., Santa Monica, California.

System Administration I for the Solaris 10 Operating System, Sun Microsystems, Inc., San Francisco, California.

System Administration II for the Solaris 10 Operating System, Sun Microsystems, Inc., Toronto, Ontario, Canada.

Symantec VERITAS Cluster Server for Solaris, Symantec Corporation, Sacramento, California.