

Career Objective:

To obtain a position in senior systems administration or IT management where I can grow and show my strengths. To fit into an organization where I can work to improve security and stability in an environment and continue to further my knowledge, while offering my experience.

Education:

AS - Electronics Engineering Technologies Hamilton Technical College - Davenport, IA
CISSP - Certified Information Systems Security Professional (ISC)²

Employment History:

4/2001-Present College of Public Health/University of Iowa - Iowa City, IA

Systems Administration/Systems Programming II - Systems Administrator/Systems Programming III

As a systems administrator for the College, I am in charge of maintaining the Collegiate infrastructure. My roles consists of operational and application security implementation including IPSEC filters to protect windows servers, including Microsoft - Exchange(5.5-2003) Microsoft SQL, Microsoft Active Directory and Microsoft Hyper-V Services and other Virtualization platforms. My role also consists of maintaining the security of Ubuntu servers and workstations including the use of TCPWRappers and Iptable as firewall filters to traffic outside the University network. As an administrator I work to implement data redundancy and data replication technology using software based mirroring and failover software. Along with implementing the DR solution I also managed proper admin documentation of the colleges disaster recovery documentation to meet HIPAA guidelines. In my position I am responsible for Active Directory account creation and delegation of access using security groups and role, and rule based security implementation. It is within my day to day operations to ensure the integrity of the data I manage is maintained as well as possible, with audit trails and proper security management. My position includes the expansion of technology within the college infrastructure this process includes application testing for proper security in it's applied situation. I work with other organization campus to establish secure practices and to attempt to offer a continuity in service across campus.

1/2001-9/2002 NeoComputers - Davenport, Iowa City, IA

Online Sales Consultant and Operations

As Sales Consultant and Operations assistant I was in charge of online sales a distribution. I was responsible for taking care of accounts payable and all of accounts receivable. Accurately maintained the retail side of the company, including store layout and future product to be carried. Acted as a part time system builder when needed. I was also responsible for the ordering of parts needed by the store and regular system builders. Provisioned in home and in business consultation service for system upgrades and networking needs.

2/1999-1/2001 Staples - Davenport, Iowa City, IA

Computer Technician and Sales Assistant

As a technician in the store I was responsible for customer assistance for all computers in the store and their peripherals. I provided phone and in store support for customer computers. Offered consultation for purchases of systems and software for the computers offered in the store and customers own computers. Provided in store consultation for home and small business networking needs based on products offered in the store

8/1999-2/2000 College of Public Health/University of Iowa - Iowa City, IA

Information Support Services

As a Information Support Services staff member I provided support for Windows NT 4.0 Workstations, and 2000 Professional. Provided support for Microsoft Outlook. Provided desktop support for Windows 98 machines. Assisted in troubleshooting and diagnosing network problems. Provided support for Microsoft Office, WordPerfect and many other applications. Assisted with planning of new software to rollout. Maintained multiple computing labs, including installing new Operating Systems maintaining security patches and software upgrades when necessary. Also assisted with the networking of HP printing devices.

Applied Career Experience:

- Microsoft Windows Server NT 4.0, 2000, 2003 & 2008
- Microsoft Hyper-V
- Microsoft Windows NT, 2000, XP, Vista & 7
- Microsoft Office 97, 2000, XP, 2003, 2007 & 2010
- Microsoft Visio 2002(XP)
- Microsoft IIS 5.1, 6.0 & 7.0
- Microsoft Terminal Services (Server2000, Server2003 & Server2008)
- Microsoft Exchange Server 5.5 & 2003, 2007
- Microsoft Remote Access, Remote Routing Services (Server2000)
- Microsoft SQL Server 2000, 2005 & 2008
- Microsoft Storage Server 2003
- Microsoft iSCSI Target Services
- Microsoft SharePoint Services
- Microsoft Distributed File Services (DFS)
- MySQL 4 & 5
- Doubletake Data Replication and Failover
- VirtualBox Virtualization
- WS_FTP Server
- WINSSHD SFTP Service
- Ubuntu Linux
- RedHat Enterprise Linux
- RedHat Linux Advanced Server
- Symantec BackupExec
- Yosemite Backup for Linux
- ArcSight Logger 4.5
- Splunk Logger
- Kayako Helpdesk Solution
- SAS IntrNet Server

Applied Career Skills:

- Excellent knowledge of computer security principles, and best practices.
Including policy guidelines for HIPAA and FERPA Standards
- Excellent knowledge of Windows 2000, 2003 & 2008 Active Directory Services.
- Excellent knowledge in application of Group Policy Objects in Active Directory.
- Well versed in SAMBA & NFS administration for file sharing in shared platform environments.
- Basic abilities in VBS Visual Basic Scripting
- Experienced in Local Area Networks. (LAN, WAN, VPN)
- Knowledge of basic network hardware routers.
- Experience in wireless infrastructures and protocols.
- Experience with customized VPN and Dial-up connections. (MS and CISCO clients)
- Experience with SFTP/SCP Servers (WINSSHD, SFTP, SSH2)
- Good knowledge of Microsoft Office and components.
- Experience with various Linux Systems and interoperability with multiple platforms.
- Good knowledge of implementing OpenLDAP for directory authentication.
- Solid knowledge of computer hardware and PC system construction.
- Experienced in deployment of MySQL databases and administration.
- Experienced with various CMS Solutions including Drupal, and Wordpress.
- Experienced with graphics manipulation programs. (Adobe Suite)
- Experienced with Electronic document scanning solutions.

Trainings and Certifications:

Microsoft:

Implementing and Administering Microsoft Windows 2000 Directory Services.
Updating Systems Administrator Skills from Microsoft Windows 2000 Server to
Windows Server 2003.
Administering Microsoft SQL Server 2000 Database
Implementing and Managing Microsoft Exchange Server 2003

Administering a Microsoft SQL Server
Microsoft Security Guidance Training

NCSA (National Computer Science Academy):
Certified Computer Hardware Technician (CH-111)