

Mark Schoonover

Network Planning Engineer IV
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Summary of Qualifications

- Innovative and intelligent problem-solver with Honors BSc in Computer Science / Software Engineering with strong leadership, communication, and real people skills. 15+ years of hands-on problem-solving in programming and network management using Linux, MySQL, Perl, shell, allied with track record of success in diverse corporate and government contracts. Strong written / verbal communication combined with broad technical background. Current Secret security clearance, previous Top Secret SBI/SCI security clearance.

Professional Experience

Harris IT Services

San Diego, CA

Oct 2007 - Sep 2010

Government/Military Contractor with 30,000+Employees

- Provide solution development, documentation, verification, Perl programming, and database planning, installation, configuration, performance tuning, and issue identification / resolution.
- Develop, analyze, and implement 32-server IBM Tivoli Network Manager IP Edition V3.7 for combined Navy / Marine Corp Intranet (NMCI) supporting 1.2 million users monitoring Cisco switches / routers and Juniper VPN equipment.
- Specialize in senior-level system / network administration for IBM Tivoli Network Manager IP Edition V3.7.
- Communicate highly technical network solutions to Project Managers and serve as liaison between sales engineers and technical staff.
- Increased compliance and speed of development by implementing standard software design life cycle (SDLC) for UNIX shell and Perl programs.
- Selected to provide meticulous documentation for installation and operations manuals for IBM Tivoli Network Manager IP Edition v3.7.
- Implemented highly successful custom Perl programs to improve network performance management and data processing.
- Handpicked to develop and present training program for front-line operations personnel on IBM Tivoli Network Manager IP Edition v3.7.

American Geotechnical

San Diego, CA

Nov 1996 - Oct 2007

Soil, Foundation and Geotechnical Industry

- Excelled at numerous roles to manage all day-to-day operations of IT Department supporting local and remote offices, and end users for small business with four sites.
- Hired and managed small technical staff, including training and performance evaluations.
- Planned and managed deployment and system administration of Windows, CentOS, and VMWare ESX servers, cabling infrastructure, and business programming using Perl, bash shell, MySQL 3/4/5, Apache 1.x/2.x.
- Developed custom and standard management reports using SQL, T-SQL, and Crystal Reports 8-X (Business Objects)
- Developed custom, high capacity digital film system using Perl, Apache, mod_perl and MySQL 5.X running on CentOS for entire enterprise supporting 45 employees in 4 offices storing ~ 750,000 images and metadata.
- Build and provided system administration for multi-platform networking infrastructure including FreeBSD VPN with embedded systems for remote office connectivity.

Technical Directions, INC

San Diego, CA

Nov 1995 - Nov 1996

- Provided day to day desktop and network support for 400 engineers (electrical, mechanical, and Software) with diverse and highly specialized technical support needs.
- Handled system administration of Novell server and provided desktop support on Japanese versions of Windows NT / 95 running common software applications such as Microsoft Office.

United States Army

San Diego, CA

Aug 1990 - Aug 1994

- Tasked with planning and execution of all aspects of communications on activation and peacetime missions, including tactical communications decisions in combat arms.
- Coordinated Signal Soldiers at all levels of command, from platoon to battalion and higher, in California

Army Reserve/National Guard.

- Delivered training on V/HF and various types of communications security equipment.

United States Navy

San Diego, CA

Aug 1987 - Jan 1990

Duties include performing collection and analysis of state of the art communication signals using sophisticated high powered computers, specialized computer-assisted communications equipment, video display terminals and electronic/magnetic recorders. Additional formal training in satellite communications, high frequency direction finding, direct support to ships and submarines, shipboard and aircraft cryptologic systems, special projects, and manual morse collection. Top Secret SBI/SCI security clearance.

Education

National University

San Diego, CA

Sep 1992 - Jul 1994

Bachelors of Science in Computer Science 3.97/4.00 Honors
Software Engineering minor

United States Army

Ft Gordon, GA

Jan 1992 - Mar 1992

Signal Officer Basic Course

California Military Academy

San Luis Obispo, CA

Sep 1990 - Aug 1992

Commisioned, 2nd LT
California Army Reserve, National Guard Officer Candidate School

Blue Star Training

San Diego, CA

Jul 1999 - Jul 1999

Completion of SQL on Microsoft SQL Server 7.0
SQL on Microsoft SQL Server 7.0

Blue Star Training

San Diego, CA

Apr 2000 - Apr 2000

Completion of Data Modeling and Design
Data Modeling and Design

MSA Training

Fairfax, VA

Jun 2008 - Jun 2008

Completion of IBM Tivoli Netcool Omnibus 7.2 Administration
IBM Tivoli Netcool Omnibus 7.2 Administration

MSA Training

Kennesaw, GA

Aug 2008 - Aug 2008

Completion of IBM Tivoli Network Manager IP Edition 3.7

MSA Training

Kennesaw, GA

Nov 2008 - Nov 2008

Completion of IBM Tivoli Network Manager IP Edition 3.7 Advanced Course

Certifications

- MySQL Certified DBA
- IBM Certified Deployment Professional - Tivoli Network Manager IP Edition V3.7
- IBM Certified Deployment Professional - Netcool Webtop 2.0

Open Source Contributions

- Maatkit 2009 - 2010: A toolkit that provides advanced functionality for MySQL

Side Projects

- MySQL DBA and Programming Blog (2006 - 2010): MySQL DBA and Programming Blog

Publications

- MySQL Survey (/), MySQL Magazine Issue 5:
- Tour of MySQL Certification (/), MySQL Magazine Issue 4:
- Expecting Perl (/), The Perl Review:
- Developing MySQL Applications with Eclipse CDT (/), MySQL Developers Website:
- Preparing for MySQL 5 Certification (/), MySQL Developers Website:

Awards

- Employee of the Year 1997 (Dec/ 97): American Geotechnical