

# SEAN PATRICK HALPIN, RHCSA

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## EXPERIENCE

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### THE MITRE CORPORATION | MCLEAN, VIRGINIA

#### *Systems Compliance Lead*

*April 2014 – Present*

- Coordination of compliance assessment against NIST SP 800-171 to completion for the environment referenced below
- Deployment and management of monitoring software and scripts for continuous monitoring of system health
- Execution of vulnerability scans and penetration testing as well as related findings resolution
- Analysis of content related to security-relevant file transfer event notifications for summary reporting to the system ISO
- Auditing of hybrid Linux / Windows sensitive-but-unclassified (SBU) lab environment for security control compliance
- Management of centralized, multi-site backup infrastructure solution for all hosted systems within multiple environments
- Mentoring and tasking of junior systems administrators
- All roles and responsibilities for my previous Systems Administrator position, directly below

#### *Systems Administrator*

*January 2012 – April 2014*

- Administration of hybrid Linux / Windows NIST SP 800-53, FISMA Moderate, and HIPAA-compliant environment
- Development of security documentation and baselines for secure systems within the aforementioned environment
- Gathering of environment requirements from project stakeholders to determine system design and resource allocation
- Research, design, development, testing, and resource utilization analysis for managed systems and related infrastructure
- Documentation of systems administration processes and security procedures to a centralized documentation repository
- Design and implementation of patching infrastructure and processes for monthly security patch compliance
- Coordination with vendors to obtain quotes and manage current software licenses
- Technologies: Bacula, Bash, Cisco IOS, Fedora, FlexNet Publisher (FLEXlm), Juniper JunOS, Kernel-based Virtual Machine (KVM), MediaWiki, Microsoft SQL Server, Microsoft Windows, Microsoft Windows Server, Microsoft Windows Server Update Services (WSUS), Nagios, Nullsoft Scriptable Installation System (NSIS), PDQ Deploy, PDQ Inventory, PostgreSQL Server, PowerShell, Python, Red Hat Enterprise Linux (RHEL) & CentOS, Tenable Network Security Nessus Vulnerability Scanner, Titania Nipper Studio, Ubuntu, VMware ESXi, VMware vCenter, VMware vCloud

### VERISIGN, INC. | DULLES, VIRGINIA

#### *Junior Systems Administrator*

*September 2010 – June 2011*

- Installation, configuration, and maintenance of mission-critical DNS servers around the world
- Deployment of Cobbler servers for remote installation / rebuilding and configuration of Linux systems
- Perl and Bash scripting to improve automation efforts
- Maintenance of central code base for unattended installation and configuration of VeriSign products
- Physical installation of network and server gear in datacenters around the world

#### *Monitoring Intern*

*Summer 2008*

- Installation and configuration of Nagios and related server infrastructure for network monitoring
- Script development for alarm reporting and performance monitoring

#### *Desktop Support Intern*

*Summer 2006*

- End user support for internal VeriSign employees regarding PC hardware and software issues
- Windows workstation system installation, configuration, and update deployment

### VIRGINIA TECH / CHOICEPOINT, INC. | BLACKSBURG / RADFORD, VIRGINIA

#### *Web Development Intern*

*Summer 2009*

- Development of a touchscreen inventory database system for Radford Clothing Bank using PHP, MySQL, and jQuery
- Web interface design, graphic design, icon design, and usability testing

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## CERTIFICATIONS AND QUALIFICATIONS

RED HAT, INC. | RED HAT CERTIFIED SYSTEM ADMINISTRATOR

Certification ID: 130-164-163

MULTIPLE GOVERNMENT AGENCIES | MULTIPLE BACKGROUND INVESTIGATIONS

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## EDUCATION

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY | BLACKSBURG, VIRGINIA

*Business Information Technology (Decision Support Systems concentration)*

*May 2010*

- Coursework involving: database administration and design, decision modeling and analysis, economics, finance, Java development, management, Microsoft Office, Pearson QM / Microsoft Excel Solver, project management, various business courses in accounting, Visual Basic .NET (VB.NET) development, web development (JavaScript / PHP and ASP.NET)
- Student member of the Institute of Electrical and Electronics Engineers (IEEE)
- Student member of the Blacksburg Boarders Club (formerly the Virginia Tech Snowboard Club)

RADFORD UNIVERSITY | RADFORD, VIRGINIA

*Information Systems*

*May 2007 (Transferred)*

- Coursework involving: accounting, business law, economics, Java development, Microsoft Office suite

HERNDON HIGH SCHOOL | HERNDON, VIRGINIA

*24-credit Advanced Diploma (Computer Applications concentration)*

*June 2005*

- Coursework involving: Adobe products (Dreamweaver, Illustrator, Pagemaker, Photoshop), Macromedia MX suite, Microsoft Visual Basic
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## MISCELLANEOUS

VALHALLA BOOKING | HERNDON, VIRGINIA

- Audio technician for local concerts in the Northern Virginia area
- Organized to provide after-school entertainment for local youth
- Developed into a dedicated group of not-for-profit employees that invigorated the Northern Virginia music scene

## TECHNOLOGY-RELATED PERSONAL EXPERIENCE

- Experience with personal computer hardware since age 12
- Multiple custom PC hardware builds / upgrades using both AMD and Intel based hardware
- Operating system installation, configuration, and maintenance (Windows / Linux workstation and server variants)
- Configuration and management of various consumer routers, switches, and hubs
- Virtualization using VMware ESXi hypervisor and libvirt
- Icon and theme design for third-party Android applications and themes
- Vested technological curiosity, especially relative to networking, music / audio production, and user experience design