

Sean Patrick Halpin

SECURITY-MINDED SYSTEMS INTEGRATION / AUTOMATION ENGINEER · RHCSA · SECURITY+

Frederick, Maryland, United States of America

☎ Google Voice: (571) 758-4447 | ✉ employment@seanpatrickhalpin.com | 🌐 SeanathanVT

TECHNOLOGIES

Ansible, Bacula, Bash, CentOS, Cisco IOS, Defense Information Systems Agency (DISA) Assured Compliance Assessment Solution (ACAS), DISA STIG Viewer, Docker, Docker Compose, Elastic Stack (ELK), Fedora, FlexNet Publisher (FLEXlm), FreeRADIUS, Git, GitLab, Graylog, JavaScript, Juniper JunOS, Kernel-based Virtual Machine (KVM), MediaWiki, Microsoft SQL Server, Microsoft Windows, Microsoft Windows Server, Microsoft Windows Server Update Services (WSUS), Nagios, Network File System (NFS), Nullsoft Scriptable Installation System (NSIS), PDQ Deploy, PDQ Inventory, PostgreSQL Server, PowerShell, Python, Red Hat Ansible Tower, Red Hat Identity Management (IdM), Red Hat Enterprise Linux (RHEL), Red Hat Satellite, Tenable Network Security Nessus Vulnerability Scanner, Ubiquiti Unifi, Ubuntu, VMware ESXi, VMware PowerCLI, VMware vCenter Server

WORK EXPERIENCE

Parsons Corporation

Centreville, Virginia

PRINCIPAL SYSTEMS ENGINEER / WORKING GROUP LEAD

July 2018 - Present

- Automation of Risk Management Framework (RMF) guidance and related security control implementation based on Defense Information Systems Agency (DISA) Security Requirements Guides (SRGs) / Security Technical Implementation Guides (STIGs) to ultimately achieve Authorization to Operate (ATO)
- Development of automated deployment processes for self-contained enterprise services within multiple disconnected environments
- Development and documentation of logical data flow policies between various hosts and services within multiple disconnected environments
- Configuration of Juniper routers and switches within multiple disconnected environments
- Administration of Red Hat product suite within multiple disconnected environments
- Providing guidance and direction regarding operational procedures to remote Systems Administrators
- Mentoring and tasking of junior Systems Engineers

The MITRE Corporation

McLean, Virginia

SENIOR LINUX SYSTEMS ENGINEER / SYSTEMS COMPLIANCE LEAD

April 2014 - July 2018

- 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 Information Security Officer (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

The MITRE Corporation

McLean, Virginia

SYSTEMS ADMINISTRATOR

January 2012 - April 2014

- Administration of hybrid Linux / Windows NIST SP 800-53, FISMA Moderate, HIPAA-compliant environment
- Development of security documentation and baselines for secure systems within the environment referenced above
- 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

VeriSign, Inc.

Dulles, Virginia

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
- Maintenance of central code base for unattended installation and configuration of VeriSign products
- Physical installation of network and server gear in data centers around the world

ChoicePoint, Inc. (in partnership with Virginia Tech & Radford Clothing Bank)

Blacksburg, 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

VeriSign, Inc.

Dulles, Virginia

MONITORING INTERN

Summer 2008

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

CERTIFICATIONS

2019	CompTIA , Security+	ZNBVDM7G5PB4QB3W
2014	Red Hat, Inc. , Red Hat Certified Systems Administrator (Red Hat Enterprise Linux 7)	130-164-163
2013	Red Hat, Inc. , Red Hat Certified Systems Administrator (Red Hat Enterprise Linux 6)	130-164-163

EDUCATION

Virginia Polytechnic Institute & State University

Blacksburg, Virginia

B.S. IN BUSINESS INFORMATION TECHNOLOGY

August 2007 - 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

August 2005 - May 2007

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

Herndon High School

Herndon, Virginia

24-CREDIT ADVANCED DIPLOMA (COMPUTER APPLICATIONS CONCENTRATION)

August 2001 - June 2005

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

MISCELLANEOUS

Valhalla Booking

Herndon, Virginia

SOUND TECHNICIAN

2002-2005

- Performed audio mixing duties 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

Personal Experience

TECHNOLOGY-RELATED

Ongoing

- Experience with assembling consumer-grade personal computer hardware since age 12
- Multiple custom PC hardware builds and upgrades on AMD- and Intel-based platforms
- Operating system installation, configuration, and maintenance (Windows and Linux workstation / server variants)
- Network design, implementation, configuration, and management of various consumer-grade networking devices (routers, switches, access points, etc.)
- Deployment and maintenance of Docker-based home lab infrastructure management containers
- Virtualization using VMware ESXi and libvirt/qemu
- Icon and theme design for third-party Android applications
- Vested technological curiosity, especially related to networking, music / audio production, and user experience design