

CAMERON MARSHALL

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Personal website: <https://sanctifiedsecurity.com/>

Summary

System Administrator with extensive experience in GNU/Linux and data center operations, specializing in infrastructure automation, security patching, and DevOps practices. Demonstrated success in hardening and maintaining web servers through proactive patch management, vulnerability mitigation, and compliance enforcement. Proficient in scripting with Bash, Python, and PowerShell to automate system tasks. Strong background in network security, including advanced firewall configuration, threat detection, and the implementation of best practices in production environments.

Certifications

cPanel CWSA-1 • cPanel CWSA-2 • CJIS Level 4 Security Awareness • cPanel CPP • cPanel CPCP • MS Office Suite • ITAR

Programming Languages

Full Stack Web Development (HTML5, CSS3, JavaScript/ES6+) • Backend Development (Node.js, Python, PHP) • Shell scripting (Powershell, Bash, awk, sed)

Education

Enrolled in the Bachelor of Science in Software Engineering program at Western Governors University - Expecting to graduate 2026

Professional Experience

AMAZON WEB SERVICES Hermiston, OR

Data Center Operations Technician/Support Tech, L3 | 07/2024 – Present

- Perform isolation testing for break fixing on various types of AWS servers and networking equipment
- Run and test loopbacks between different switch ports to isolate Layer 1 (physical layer) issues for optic and fiber replacements
- Execute hardware replacements on AWS infrastructure, including servers and networking components (Hard Drives, SSDs, DIMM, CPUs, GPUs, Motherboards, Line cards, PDBs, PSUs)
- Perform structured cabling management and implementation, including fiber and copper connections
- Conduct network device audits
- Follow strict change management procedures and maintenance of windows
- Maintain inventory management systems and asset tracking
- Respond to automated monitoring alerts and tickets for hardware failures
- Coordinate with network engineers and other teams for complex troubleshooting
- Write Tamper Monkey scripts to increase productivity and efficiency of job duties
- Write and maintain technical documentation including procedure updates and incident reports

VIVIO TECHNOLOGY Walla Walla, WA

Web Support, System Administrator | 1/2023 – 07/2024

- Responsible for navigating platforms such as cPanel/WHM and Apache and facilitating seamless hosting environments
- Conduct SQL database and website migrations while orchestrating smooth transitions
- Perform security audits on Windows and Linux systems, implemented website security practices and software updates
- Manage virtual environments utilizing virtualization technologies to include XCP-ng, Vert Manager, and Virtual-box
- Utilize knowledge of GNU Utilities to perform server management activities
- Manage VPS and shared servers, and internal systems to ensure a highly functioning IT infrastructure (VMware, XEN, Virt manager)
- Apply knowledge of SSL Installation and name server configuration; adept at establishing DNS records, dkim, and spf included
- Manage various hosting software (StorPool software, RAID arrays, MEGACli)
- Managed and maintained Active Directory environments, including user account provisioning, group policy administration, and access control
- Created PowerShell and Bash scripts to automate system maintenance

HOUK MASONRY Walla Walla, WA

Mason Tender | 03/2019 – 01/2023

- Meticulously prepared job sites by strategically organizing workstations allowing masons to maximize their productivity during construction
- Skillfully mixed concrete, stucco, and mortar while adhering to precise ratios to ensure structural integrity and quality
- Demonstrated proficiency in preparation of stones, bricks, and blocks ensuring exact specifications for masons were met
- Conducted activities with precise attention to detail, especially tasks pertaining to mortar bagging for brick joints and tuck pointing, which resulted in clean/polished finishes that enhanced appearance and structural soundness
- Successfully developed company website at <https://www.houkmasonry.com/>

LES SCHWAB TIRE CENTER Walla Walla, WA

Tire Technician | 7/2018 – 03/2019