

IT Professional with several years of experience maintaining computer hardware, operating systems, and networks looking for full-time employment in IT and to relocate to the central Florida area. | CompTIA Certifications: A+, Network+, Security+

EXPERIENCE

Systems Administrator at *South Carolina Department of Mental Health (SCDMH)* 2024 — Present
Manage and maintain all systems for the Aiken Barnwell Mental Health Center and two satellite offices for SCDMH. Image machines, install software, manage active directory, provide end user support for software, network, and hardware issues, and prepare disaster plans for the center. Diagnose issues with computers using a variety of tools and techniques (such as system tests, Windows Event Viewer, and network testing equipment) to determine the root cause of problems and implement solutions.

Linux Systems Engineer (Student Employee) at *Western Washington University* 2021 — 2024
Managed and maintained WWU Housing Department Linux servers. Managed vCenter servers for 2 years before migrating those servers to Azure. Led a major migration of the housing department's servers from vCenter to Azure to consolidate software programs and reduce costs. Developed and maintained scripts to automate server management tasks. Provided client support for software, network, and hardware issues.

Tier 2 Help Desk Support at *SeaGen* 2019 — 2020
Assisted with setting up new computers and remote troubleshooting of computers. Maintained printers, docking stations, and other office technological equipment.

Help Desk Support at *Pathway Capital Management* 2018 — 2019
Provided technical support, upgrade services, and repairs for company computers, servers, and networks. Completed a system relocation as part of a major office move. Assisted with the setup of new computers and remote troubleshooting of computers, as well as managing servers in vCenter

Project Designer at *Kimberly-Clark Corporation* 2018
Designed and implemented a network segregation of the manufacturing and office networks to improve security and stability. Worked with the IT department to design and implement a new network architecture, including the installation of new hardware and software. Prepared technical documentation and reports to facilitate project organization and communication.

Design Interaction Intern at *NASA's Jet Propulsion Laboratory* Summer 2016
Worked with the Deep Space Network team to modernize the satellite controls by designing and programming new controls using JAVA FX, HTML5, PHP, and PolymerJS. Developed and prepared written technical reports and abstracts, and prepared and presented findings.

PROJECTS

Home Lab

I created and currently maintain a personal home lab consisting of a Proxmox hypervisor running Linux servers in VMs, Docker containers to separate and isolate software, an isolated malware testing lab, an OPNSense firewall, Nextcloud for file management, Plex for media sharing, a remote development environment, and Pterodactyl to manage game servers in Docker containers. I also use CloudFlare Zero Trust Platform to manage remote access from outside of the Tailscale VPN to services on the homelab.

ACTIVITIES

WWU Cybersecurity Club at *Western Washington University* Sept. 2020 — June 2024
Helped lead the WWU Cybersecurity club and coordinated the club's participation in multiple cybersecurity competitions and conferences.

Collegiate Cyber Defense Competition (Team Co-Captain) at *Western Washington University* Dec 2023 — June 2024
Hardened Windows and *nix systems and services, filed incident reports, prepared technical security documentation. Provided organized and effective client support while under relentless attack by skilled industry professionals.

Department of Energy CyberForce Competition (Team Captain) at *Western Washington University* Oct 2023 — Nov 2023
Worked in a security management role to help clients defend themselves from an assumed, actively exploited breach. Prepared technical documentation and drafted reports to facilitate event organization.

Coastline Cybersecurity Club at *Coastline Community College* Sept 2017 — June 2019
Built and maintained a vCenter network consisting of 3 hosts as well as a iSCSI storage server to host virtual machines to practice for cybersecurity competitions. Participated in WRCCDC and other cybersecurity competitions.

EDUCATION AND CERTIFICATIONS

CompTIA Certifications: A+, Network+, Security+

Bachelors in Computer Science and Society at *Western Washington University* Sept 2020 — June 2024
Relevant coursework: Cyber Warfare, Database Systems, Web Scripting, Object-Oriented Design. Academic experience with Java, C, Python, MySQL, Bash, PowerShell, NodeJS

Mechatronics, High School Diploma at *Valencia High School* Sept 2014 — June 2017
Relevant coursework: Cisco CCNA Routing and Switching, A+ Certification, Computer Maintenance, Computer Science

Misc. Courses at *Coastline Community College* Sept 2017 — June 2019
Relevant coursework: Cisco CCNA Routing and Switching, Security+ Certification, Network+ Certification, Cyber Forensics