

Proficiencies

- Cisco CCNA Certified
- Cisco IOS-XR and Juniper JunOS router configuration
- Juniper JunOS, Cisco NX-OS, and Ruckus switch configuration
- Palo Alto and Cisco ASA firewall configuration, Cisco Security Manager, ASDM
- IPsec Remote Access and Site-to-Site VPN Config and Implementation
- Aruba and Cisco Wireless Controller Config
- BIND DNS, ISC DHCP
- VRFs, VLANs, NAT/PAT, BGP, OSPF, RIP
- Azure and AWS networking/integration with on-prem
- HTML, CSS, Bootstrap, PHP, MySQL, C++, Python, Git, JavaScript, Bash
- Linux Server config, nginx, FirewallID, nftables, SELinux
- Windows desktop and server, macOS
- VMware VCenter, ESXi
- Microsoft Active Directory, Microsoft Office 365
- Monitoring tools such as PRTG, RANCID, SNMP

Education

Florida State University

Tallahassee, FL

- Information Technology, B.S., 2022
- Minor in Computer Science, 2022

Florida State College at Jacksonville

Jacksonville, FL

- Associate in Arts Degree, University Transfer, 2009
- Coursework in Computer Science

Experience

Network Architect

Aug 2020 to present

Florida State University, Tallahassee, FL

- Installs, configures, monitors, and manages core campus networking equipment which provides university-wide Internet access
- Provides technical support for the campus-wide data network, off-campus connectivity, and associated systems
- Configures Juniper, Palo Alto, Cisco, and Ruckus switches, routers, firewalls, and other networking equipment
- Collects and analyzes network performance monitoring data using various tools

Network Administrator*Jun 2018 to Aug 2020**Florida State University, Tallahassee, FL*

- Managed and monitored an environment of 5000+ Aruba and Cisco wireless access points
- Designed, planned, implemented, and optimized wireless layouts for indoor and outdoor applications using tools such as NetAlly AirMagnet
- Managed controllers and APs using tools such as Aruba AirWave and PRTG
- Maintained FreeRADIUS servers to authenticate users via 802.1x and LDAP
- Worked escalated customer support cases in an online helpdesk ticket system

IT Support Specialist*Jul 2017 to Jun 2018**Florida State University, Tallahassee, FL*

- Responsible for implementation and maintenance of all Linux and Windows servers in the FSU Seminoles Athletics Department
- Managed deployment of 700+ Mac and Windows workstations, and 800+ mobile devices
- Projects completed include server and NAS deployments, automated AWS cloud backup implementation, website development, digital signage, and on-prem-to-cloud migrations
- Completed an average of 80 support tickets per month
- Contributed to documentation of procedures and policies on internal wiki site

Network Hostmaster*Mar 2016 to Jul 2017**Florida State University, Tallahassee, FL*

- Performed DNS and DHCP registrations, configuration, and maintenance in campus BIND 9 and ISC DHCP systems
- Wrote Python scripts to help maintain configurations and automate processes
- Created an internal website using PHP, CSS, MySQL, to interface with RADIUS servers
- Performed campus-wide ACL changes on Cisco and Palo Alto firewalls

IT Technician*Sep 2009 to Mar 2016**Freelance, Tallahassee, FL*

- Worked contract IT jobs via independent contractor platforms such as WorkMarket
- Jobs included retail department store point-of-sale equipment upgrades and hardware refreshes, enterprise thin client refreshes and configurations, printer configuration, and network equipment upgrades and configuration