Andrew Peter Hayes

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Computer Science Graduate | Software Engineer

Computer Science graduate with a strong foundation in object-oriented programming, data structures, and secure software development. Experienced in Java and C++ with hands-on projects involving design patterns, application logic, and unit testing. Brings 7+ years of systems and security experience, providing a unique perspective on building reliable, secure, and scalable applications. Seeking an entry-level software engineering role to contribute strong problem-solving and technical skills.

Technical Skills

Programming Languages: Java, C++, Python

Networking & Security: FortiGate, Cisco UCM, FireEye, CrowdStrike, Nessus, Tenable.sc, HBSS

Virtualization: VMware ESXi, vCenter

Administration: Active Directory, MECM, DNS, DHCP, Entra, RSAT Remote & ITSM

Tools: Remote Desktop, SSH, ConnectWise, Remedy

Operating Systems: Windows Server 2019, Windows 10, RHEL, CentOS

Professional Experience

IT Systems Administrator | MSL — Orlando, FL Nov 2023 – Feb 2024
• Served as sole System Administrator for a global user base, ensuring compliance with company security standards.
• Managed server replication across three Florida sites, improving data reliability and uptime.
• Administered user accounts, MFA (FortiToken, Duo), and resources via Microsoft Entra and SharePoint.
• Utilized FortiGate and CrowdStrike for network monitoring, threat prevention, and incident response.

Systems Administrator Lead | USMC — San Diego, CA Nov 2019 – Oct 2023
• Directed a team of four in providing daily IT support for 500+ users within Air Combat Element (ACE) NOC.
• Configured and managed two domains, including domain controllers, exchange servers, PKI, and ACAS systems.
• Leveraged VMware to manage 20+ virtual machines across Windows and Linux environments.
• Implemented DISA-compliant security standards, maintaining readiness and integrity across multiple domains.

• Managed $600K in network and server assets, ensuring optimal performance and resource allocation.

Data Systems Supervisor | USMC — Al Jaber, Kuwait Feb 2019 – Nov 2019
• Led deployment of enterprise domain connectivity across multiple sites, ensuring 120+ days of uninterrupted communication.
• Provided technical support for 300+ users and administered security patches and updates for all servers and workstations.
• Supervised a team of three in maintaining multi-enclave network operations and hardware/software troubleshooting.

Cyber Network Operator | USMC — Twentynine Palms, CA Mar 2017 – Jan 2019
• Delivered IT support to over 900 users, resolving software and hardware issues efficiently via Remedy platform.
• Maintained 95% uptime rate by implementing proactive upgrades and system maintenance.
• Managed $200K in networking and server hardware, ensuring secure and reliable operations.

Education

B.S. Computer Science — Southern New Hampshire University (Expected Mar2026)
High School Diploma — Friendswood High School, TX

Certifications

• CompTIA Security+ (SY0-601)
• Microsoft: Installing and Configuring Windows Server