Morgan Rogers

Computer Information Systems

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Summary

Information Systems professional with a strong foundation in networking, system administration, and cybersecurity. Currently pursuing a Master's in Computer Information Systems with a focus on Web Application Development & Network Systems. Experienced in both Windows and Linux environments with practical knowledge of security tools and methodologies.

Education

Boston University - *Master of Science in Computer Information Systems - Web Application Development & Network Systems*

Expected May 2026

Coursework: Business Data Communication & Networks, Network Security, System Architecture, Information Structures with Python, Web Application Development, Information Systems Analysis & Design

University of Maine Farmington , Farmington Maine - *Bachelor of Science in Secondary Education*

December 2023

Tools, Technical Skills, & Certifications

- Operating Systems: Linux (Parrot, Kali, Ubuntu), Windows 11, Windows Server, MacOS
- Active Directory, BeyondTrust, GCP, ArcGIS, VMWare, Docker
- Security Tools: Nmap, Wireshark, Sophos, FortiNet
- Programming: Rust, Go, Python, JavaScript, Java, C#, Bash
- Networking: TCP/IP, LAN/WAN, Network Security, Traffic Analysis
- USMC Information Assurance Management: Intro to Information Assurance, Risks, Information Environments, Countermeasures, Incident Handling, Planning

Professional Experience

South Portland - *Applications Support Specialist*

- Install, configure, and ensure maintenance of Active Directory and third party software utilities for hardware systems within operational guidelines through collaboration and interface with other IS personnel.
- Ensures continuous backup and recovery systems are technically sound, working properly and consistently maintained to minimize data losses in the event of enterprise-wide or localized system incursions or failures.

- Oversee, implement, and administer enterprise-level application services for City initiatives to meet production deadlines and end user/department requirements.
- Create and maintain system documentation for domain technologies, including installation, configuration, and appropriate troubleshooting steps.
- Serves as advanced escalation point for all System Application service trouble calls within the IT support Help Desk Operations team.
- Maintains City Network hardware and directory servers and related peripherals for purposes of training, staff shortage, staff vacancy or other emergency reasons.
- Develops and implements application solutions; integrating and coordinating application functionality citywide.
- Serves as an escalation point for application support and troubleshooting, provides guidance and direction in resolution of escalated issues and/or complex production, application or system problems.
- Perform daily system monitoring, verifying the integrity and availability of all hardware, network resources, protection systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs.

Technical Projects

Home Lab Environment:

- Built and maintained a comprehensive home lab for security testing and network analysis.
- Implemented virtualization using VMWare and Docker for various security scenarios.
- Configured secure networking environments with VLANs and firewall rules.

Security Training & Certifications:

- Completed Hack the Box Academy SOC Analyst path covering Linux/Windows fundamentals and security.
- Trained in network enumeration, penetration testing, and security analysis.
- Practiced active directory security and web application testing.

Professional Development:

- Active participant in cybersecurity communities and forums.
- Regular engagement with hands-on security labs and practical exercises
- Continuous learning through online platforms and security resources.