

Liam Wilson

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EDUCATION

Bachelor of Science in Cybersecurity Management and Analytics

Virginia Polytechnic Institute and State University | Graduated May 2025 | 3.68 GPA

Associate of Science in Business Administration

Northern Virginia Community College | Graduated May 2023 | 4.0 GPA

Career Studies Certificate in Business Information Technology

Northern Virginia Community College | Graduated May 2023 | 4.0 GPA

TECHNICAL SKILLS

Core Competencies: Risk Assessment, Vulnerability Management, Incident Response, Compliance (NIST/ISO)

Reconnaissance: Nmap, Wireshark, Shodan, Metasploit

Scripting: Python, R, Perl, Ruby, PowerShell, Bash, Visual Basic

Network Engineering: Network Security, Firewall Configuration, IPS/IDS, Packet analysis

Data Analysis: SQL, JSON, API calls, Excel

PROFESSIONAL EXPERIENCE

Head of Installation | Keith Fabry Reprographic Solutions | January 2019 – Present

Richmond, VA

- Led installations of graphical exhibits for high-level clients such as NASA and Virginia State Police.
- Managed team of installation specialists while independently navigating shifting project priorities in a high-demand technical environment.
- Conducted quality control checks and optimized logistics/shipping methods to ensure cost-effectiveness and timely deployment.
- Maintenance, troubleshooting, installation, and configuration of network and endpoint infrastructure including Windows 11 systems, Active Directory user/group management, endpoint protection, and SCCM deployment tools.
- Conducted vulnerability assessments and penetration tests using tools like Nessus, Metasploit, and Tenable, analyzed CVEs for potential impact, and collaborated with IT teams to develop remediation strategies aligned with NIST and CIS frameworks.

Network Technician | Fiber Technology Solutions | August 2016 – January 2019

Richmond, VA

- Installed and configured network infrastructure, including taps, amplifiers, and nodes, according to ISP standards.
- Performed diagnostics on signal attenuation and network connectivity; logged incidents in a service desk ticketing system and resolved issues with minimal guidance.
- Collaborated with cross-functional teams to troubleshoot network issues, escalating critical problems and communicating resolutions both orally and in writing.

CYBERSECURITY & ANALYTICS PROJECTS

Quarto Blog and Analytics Dashboard: Designed a technical blog using HTML & R to document cybersecurity and data analysis projects, integrating an analytics dashboard for real-time traffic monitoring.

Customer Churn Analysis for Comcast: Built predictive machine learning model using Python and sklearn to identify churn indicators; provided recommendations that could reduce churn by 12%.

Amazon Inventory Allocation System: Built a desktop application using visual basic to manage warehouse inventory and streamline internal routing. I also implemented secure access layers and dynamic inventory filters.