

Adel J. Marcano

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Professional Summary

Entry-level cybersecurity professional with hands-on experience in vulnerability assessment, system hardening, and secure configuration across Windows and Linux environments. Strong foundation in networking, operating systems, and defensive security principles with emphasis on remediation, validation, and clear technical documentation. Currently completing a B.S. in Cybersecurity at Old Dominion University and seeking a junior IT or security operations role.

Technical Skills

Operating Systems

Linux (Ubuntu, Kali), Windows 10/11, Windows Server (fundamentals)

Networking

TCP/IP, firewall rule configuration and analysis, packet capture and traffic analysis (ICMP, TCP, TLS), wireless security concepts

Cybersecurity & IT Tools

Nessus Essentials (vulnerability scanning and remediation validation), Wireshark, pfSense (lab firewall environments), Kali Linux toolset, Metasploit (introductory), John the Ripper

Programming & Scripting

Python, Bash, Java, SQL

Projects & Hands-On Experience

Hands-on security work performed in lab and production-like environments, emphasizing remediation, validation of controls, and documentation.

Additional Knowledge

Secure system configuration and hardening, Windows registry-based security controls, security headers and Content Security Policy (CSP), risk management fundamentals (FedRAMP concepts), database fundamentals, AWS (academic projects)

Vulnerability Assessment & System Hardening (Windows 11)

- Conducted baseline vulnerability scans using Nessus Essentials on a Windows 11 system
- Analyzed scan results to identify configuration-based findings, including SMB signing weaknesses
- Implemented remediation steps through Windows registry configuration and system hardening
- Re-scanned systems to validate remediation effectiveness and overall risk reduction
- Documented findings, remediation actions, and scan history for repeatable assessment workflows and baseline security posture tracking

Secure Web Deployment & Validation

- Implemented security headers including Content Security Policy (CSP), HSTS, X-Frame-Options, and Permissions-Policy
- Deployed a static website using GitHub and Netlify with a security-focused configuration
- Verified live HTTP response headers using browser developer tools to ensure production enforcement
- Reduced attack surface through static architecture and least-privilege design principles

Security & Networking Labs (Academic)

- Configured and hardened Linux and Windows systems using baseline security controls and defense-in-depth principles
- Configured firewall rules and analyzed network behavior using pfSense and Wireshark
- Implemented cryptographic concepts including AES, RSA, and custom cipher logic in Python

Education

Old Dominion University — Norfolk, VA

Bachelor of Science in Cybersecurity (Expected Spring 2026)

Minor: Information Systems and Technology • GPA: 3.0

Relevant Coursework: Cybersecurity Operations, Networking & Security, System Security (Windows/Linux), Ethical Hacking, Cryptography, Cyber Law

Employment Experience

Team Associate — Walmart — Norfolk, VA | 2023 – Present

- Provided direct customer support and resolved issues efficiently in a fast-paced environment
- Operated inventory and logistics systems with strong attention to accuracy and consistency
- Followed documented procedures and workflows while cross-trained across multiple departments
- Developed communication, problem-solving, and teamwork skills transferable to IT and security support roles