

# Adel J. Marcano

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 **Portfolio:** <https://adelmarcano-portfolio.netlify.app/>

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## Professional Summary

Cybersecurity senior at Old Dominion University with hands-on experience in vulnerability assessment, system hardening, and secure configuration across Windows and Linux environments. Skilled in IT support, troubleshooting, and security validation through practical lab work and real system testing. Strong foundation in networking, operating systems, and defensive security principles, with a focus on documentation, repeatable processes, and reducing attack surface. Seeking an entry-level IT, cybersecurity, or consulting role where technical fundamentals and continuous learning are valued.

## Education

**Old Dominion University** — Norfolk, VA

**Bachelor of Science in Cybersecurity**

Minor: Information Systems and Technology

GPA: 3.0

**Expected Graduation:** Spring 2026

### Relevant Coursework:

Cybersecurity Fundamentals, Networking and Security, System Security (Linux & Windows), Ethical Hacking, Cryptography, Cybersecurity Operations, Cyber Law, Cybersecurity Strategy and Policy

# Technical Skills

## Operating Systems

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

## Networking

- TCP/IP fundamentals
- Firewall configuration and rule analysis
- Wireless security concepts
- Packet capture and traffic analysis (ICMP, TCP, TLS)

## Cybersecurity & IT Tools

- Nessus Essentials (vulnerability scanning and analysis)
- Wireshark
- Kali Linux toolset
- Metasploit (introductory use)
- John the Ripper
- pfSense (lab environments)

## Programming & Scripting

- Python
- Bash
- Java
- SQL

## Additional Knowledge

- Secure system configuration and hardening
- Registry-based security controls (Windows)
- Security headers and Content Security Policy (CSP)
- Risk management fundamentals (FedRAMP concepts)

- Database fundamentals
- AWS (academic projects)

## Projects & Hands-On Experience

### Vulnerability Assessment & System Hardening (Windows 11)

- Conducted baseline vulnerability scans using **Nessus Essentials** on a Windows 11 host
- Identified configuration-based findings, including SMB signing weaknesses
- Implemented remediation steps through Windows registry configuration
- Re-scanned systems to validate remediation effectiveness
- Documented findings, remediation actions, and scan history for repeatability

### Secure Web Deployment & Validation

- Implemented security headers including CSP, HSTS, X-Frame-Options, and Permissions-Policy
- Deployed a static site using GitHub and Netlify with security hardening
- Verified live response headers via browser developer tools to ensure production enforcement
- Focused on reducing attack surface through static architecture and least-privilege principles

### System Security Labs

- Configured and secured Linux and Windows systems
- Practiced account management, permissions, and baseline system hardening
- Applied defense-in-depth concepts in controlled lab environments

### Networking Labs

- Troubleshooted connectivity and routing issues
- Configured firewall rules and analyzed network behavior
- Captured and analyzed traffic using Wireshark

## Cryptography & Secure Programming

- Built a custom block cipher in Python
- Implemented AES and RSA for secure data transmission
- Explored encryption concepts and key management fundamentals

## 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 attention to accuracy and consistency
- Cross-trained across multiple departments, including House, Truck Line, and OGP
- Developed strong communication, problem-solving, and teamwork skills applicable to IT support roles