

Raneem Alarian

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Education

Old Dominion University

Bachelor of Science in Cybersecurity | 4.0

Norfolk, VA
August 2023 - December 2025

Old Dominion University

Bachelor of Science in Psychology | 4.0

Norfolk, VA
August 2019 – May 2022

Technical Skills

Cybersecurity Fundamentals: CIA Triad, Risk Management, Network Security Basics, Incident Response

Tools & Platforms: Wireshark, Autopsy, Nmap, Metasploit, Kali Linux, OSForensics, John the Ripper, pfSense, VirtualBox, WinHex, FTK Imager

Programming & Scripting: Python, PowerShell (Basic)

Operating Systems: Windows, Linux (Ubuntu/Kali)

Languages: English (Native), Arabic (Fluent)

Other: GitHub, Microsoft Office, Google Workspace, Technical Writing, Team Collaboration, Research Skills, Team Leadership, Problem Solving

Work Experience

Costco Wholesale, *Certified Lead Technician*

Leesburg, VA
October 2021-Present

- Supervise pharmacy technicians in the accurate processing of prescriptions, safe handling of patient information, and adherence to regulations while streamlining pharmacy operations for peak performance
- Communicate with healthcare providers and insurance companies to resolve prescription-related issues
- Exercise safe data handling procedures in line with HIPAA regulations

Cybersecurity Courses & Project Experience

CYSE 250: Basic Cybersecurity Programming and Networking

- **Capstone Project:** Created a client-server socket program in Python to simulate a secure pharmacy kiosk, authenticating patient identity and prescription status for real-case situations
- Selected by the Department of Cybersecurity to present my project at the ODU 2025 Knowledge and Creativity Expo: [Raneem Alarian 2025 Knowledge and Creativity Expo Project](#)

CYSE 270: Linux System for Cybersecurity

- Learned fundamental Linux operations for cybersecurity, including installation, configuration, file system management, shell scripting, and user authentication: [CYSE 270 Labs](#)

CYSE 280: Windows System Management and Security

- Learned how to configure, manage, and secure Windows client and server systems

CYSE 301: Cybersecurity Techniques and Operations

- Learned how to secure and analyze large networks by using tools like Wireshark, configuring firewalls, writing intrusion detection rules, and practicing pen testing techniques: [CYSE 301 Labs](#)

CYSE 407: Digital Forensics

- Learned and acquired core digital forensic techniques and tools for acquiring, analyzing, and maintaining evidence from computers, mobile phones, networks, and clouds: [Midterm Project](#)

CYSE 495: Introduction to BioCybersecurity

- **Capstone Project:** Completed a semester-long project on a cybersecurity audit of a biological sciences company, where I worked in a team to discover threats, suggest mitigation strategies, and present a 16-page executive briefing: [CYSE 407 Capstone Project](#)