

NASSER ALADAWANI

PROFESSIONAL SUMMARY

Results-driven Information Technology professional with strong expertise in network security, system administration, and software development. Bilingual professional combining technical proficiency with excellent communication skills. Demonstrated leadership through academic excellence and teaching experience.

WORK EXPERIENCE

Network Security Engineer Intern | Oman National CERT (OCERT) | Muscat, Oman | June 2024 - August 2024

- Architected and implemented enterprise-level secure network infrastructure incorporating DMZ and remote branch connectivity
- Deployed and configured CLI-based firewalls with advanced security policies to enhance network protection
- Established VLAN segmentation and inter-VLAN routing using CLI for improved network isolation
- Conducted comprehensive vulnerability assessments and penetration testing to identify security gaps

AI Project-Based Training | University of Technology and Applied Sciences | Nizwa, Oman | May 2024 - June 2024

- Developed machine learning models using Python, achieving 90% accuracy in predictive analytics
- Implemented data processing pipelines using NumPy and Pandas for efficient data manipulation
- Created visualization dashboards using Matplotlib to communicate complex data insights

EDUCATION

Bachelor of Science in Information Technology | University of Central Florida, Orlando, FL

Expected Graduation: May 2025 | GPA: 3.8+

- Full scholarship recipient from Oman Cultural Division, Ministry of Higher Education

TECHNICAL EXPERTISE

- Programming Languages: Java, Python, C, HTML, CSS, JavaScript, MySQL
- Operating Systems: Windows Server 2022, Linux (Kali, Ubuntu, Metasploitable 2)
- Security Tools: Wireshark, Nmap, Penetration Testing Tools
- Network Infrastructure: VLAN Configuration, Firewall Management, Switch Configuration, Subnetting
- System Administration: Active Directory, DNS, DHCP, Exchange Server, File Services

- Cloud Platforms: AWS (Academy Cloud Security Foundations certified)
- Languages: Fluent in English and Arabic

NOTABLE PROJECTS

Enterprise Network Security Implementation

- Designed and deployed secure virtual network infrastructure using Windows Server 2022
- Implemented comprehensive security controls including access management and monitoring
- Managed critical services: Active Directory, DNS, DHCP, and email systems

Database Security Management System

- Developed secure client-server application with role-based access control
- Implemented encrypted authentication system and transaction logging
- Technologies: Java, JSP, JDBC, MySQL

LEADERSHIP EXPERIENCE

Undergraduate Teaching Assistant | Object-Oriented Programming | UCF | January 2024 - Present

- Mentor 30+ students in programming concepts and best practices
- Evaluate assignments and provide detailed feedback for improvement
- Facilitate lab sessions and provide one-on-one student support

CERTIFICATIONS

- AWS Academy Cloud Security Foundations (2024)
- Introduction to Packet Tracer Certificate (2024)
- Certified IT Fundamentals PRO (2023)

HONORS & LEADERSHIP

- President's Honor Roll (Spring 2023, Fall 2023, Spring 2024)
- Omani Student Association Coordinator (May 2023 - Present)