**Nasser Aladawani**

**WORK EXPERIENCE**

**Network Engineer Intern at Oman National CERT Muscat, Oman | June 2024 to August 2024**

Oman National CERT (OCERT)

* Implemented a secure network with best practice security controls, including user and system environment, DMZ, and remote branch.
* Configured CLI-based firewalls with security policies.
* Configured VLANs and inter-VLAN routing on switches using CLI.
* Performed vulnerability assessments and penetration testing.

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

* Completed a one-month training focused on the basics of Artificial Intelligence using Python.
* Gained hands-on experience working on AI projects, exploring fundamental concepts such as machine learning algorithms, data processing, and model development.
* Developed and tested AI models using Python libraries like NumPy, Pandas, Scikit-learn, and Matplotlib.

**EDUCATION**

**University of Central Florida, Orlando, Florida Expected Graduation: May 2025**

Bachelor of Science in Information Technology Overall GPA > 3.8

* **Earned a full student scholarship from Oman Cultural Division, Ministry of Higher Education**

**TECHNICAL SKILLS**

* Java, C, Python, HTML, CSS, MySQL, JavaScript
* Operating Systems: Windows, Linux (Kali, Ubuntu, Metasploitable 2).
* Tools: Putty, AWS basics, Wireshark, Cisco Packet Tracer, Nmap, VirtualBox.
* Networking Fundamentals, VLAN Configuration, Troubleshooting, Firewall Management, Access Control, Switch Configuration, Subnetting.
* System Administration Fundamentals, DNS, DHCP, DC, Mail, FS, and AD server.
* Excellent verbal and written communication skills in two languages, English, and Arabic

**PROJECTS**

**System Administration: Virtual Network Setup using VirtualBox**

* Set up and managed a virtual network with Windows Server 2022 and Active Directory.
* Managed user accounts, DNS, DHCP, file sharing, email services, and backups.

**Database Systems: MySQL Database Implementation**

* Designed and implemented a relational database using MySQL command-line and Workbench.
* Utilized ER modeling, SQL queries, and relational mapping for database creation and management.

**Java-Based Client-Server SQL Management Application**

* Developed a Java-based client-server app with JSP/HTML frontend and JDBC to interact with remote MySQL databases.
* Created a general SQL client interface and a specialized accountant interface.
* Enhanced security with login authentication and transaction logging.
* Skills: Java, JSP, HTML, JDBC, MySQL | **GitHub**: [View Project](https://github.com/Na988/A-Two-Tier-Client-Server-Application-Using-MySQL-and-JDBC)

**Event-Driven e-Store Application (Nile.Com)**

* Developed a Java GUI e-commerce application featuring dynamic inventory management and real-time transactions.
* Skills: Java, GUI development, event-driven programming | GitHub**:** [View Project](https://github.com/Na988/E-Store-Simulation.git)

**OTHER EXPERIENCE**

**Undergraduate Teaching Assistant, (Object-Oriented Programming) Orlando FL | January 2024 to Present**

* Assisted the professor in evaluating and grading assignments, provided mentorship, and proctored classes.
* Supervise and direct students with the course materials throughout the semester and associate with class preparation and course materials.

**Al-Adawani Antiques and Gifts Nizwa, Oman | June 2013 to September 2019**

* Managed customer relations, resolving issues and identifying needs.
* Oversaw digital marketing through social media and negotiated with suppliers).
* Performed daily, weekly, and monthly data validation of net income and outcomes.

**CERTIFICATE & HONORS**

Introduction to Packet Tracer Certificate Fall 2024

AWS Academy Cloud Security Foundations Fall 2024

Certified IT Fundamentals PRO Spring 2023

President's Honor Roll Certificate Spring 2023, Fall 2023, Spring 2024

**CAMPUS INVOLVEMENT**

Omani Student Association Coordinator May 2023 to Present