

MOHAMMAD HUSSEIN OUZA

Computer Science Master's Student | Machine Learning & Full-Stack Development
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SUMMARY

Computer Science graduate and Master's student specializing in machine learning, image processing, and networking. Combines a solid foundation in statistics and ML model development with hands-on full-stack experience building scalable web applications in Java, Python, and React. Comfortable across the stack — from network configuration and troubleshooting to backend services and data analysis in Python.

EDUCATION

Master 1 in Computer Science

2025 – Present

Lebanese University — Faculty of Science, Beirut

- Concentration in Multimedia & Image Processing, Cloud Computing, Machine Learning, and Computational Science.
- Supporting coursework in advanced Mathematics & Statistics, modern web technologies (React), and NoSQL databases.

Bachelor of Science in Computer Science

2021 – 2025

Lebanese University — Faculty of Science, Beirut

- Core coursework: Data Structures, Web Development, Backend Development, Java, C, Operating Systems, and Networking.
- Studied project planning, coordination, and software ethics.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, C, C++, PHP, SQL, .NET

Web Development: React.js, Node.js, Flask, HTML, CSS, QWeb

Databases: PostgreSQL, MySQL, MongoDB

Machine Learning: ML fundamentals, data preprocessing & model evaluation, statistical foundations; NumPy, SciPy, Matplotlib, scikit-learn

Networking: TCP/IP & OSI models, IP addressing, protocols, network configuration & troubleshooting, security basics, Cisco Packet Tracer

DevOps & Tools: Docker, AWS, Git, GitHub

AI-Assisted Development: Cursor and AI tools for code generation, refactoring, debugging, and productivity

EXPERIENCE

ERP Developer Intern

Jul 2024 – Aug 2024

Mobile Arts SAL Offshore — Beirut

- Developed business modules on the Odoo ERP framework to streamline core company workflows.
- Built backend features using Python (Flask) and PostgreSQL, handling data models and business logic.
- Designed front-end UI components with HTML, CSS, and QWeb integrated into the ERP interface.
- Improved system workflows and data-management processes for more reliable operations.

PROJECTS

Middle East TV — News Platform

Team

- Collaborative news website with dynamic browsing and real-time user interactions; built with **React.js**, **Node.js**, and **MySQL**.

E-Commerce Tech Store

Solo

- Single-handedly built a tech store with product browsing and checkout flow using **HTML, CSS, and JavaScript**.

My Touch — Telecom Management System

Solo

- Account, subscription, and billing management system for a fictional telecom company, developed in **PHP**.

TRAINING & CERTIFICATIONS

Networking Basics Certificate

Cisco Networking Academy

Professional Training Program — Education For Employment (EFE)

- Completed a program covering professional soft skills alongside technical IT and networking fundamentals.
- Hands-on network configuration and troubleshooting with Cisco Packet Tracer.
- Introduction to penetration testing and network vulnerability analysis using Kali Linux.

ADDITIONAL INFORMATION

Languages: Arabic (native), English (fluent), French (intermediate)

Leadership: Vice President, Computer Science Club — led technical initiatives, coordinated events, and supported peer learning

Soft Skills: Problem-solving, analytical thinking, communication, teamwork, leadership, time management, adaptability