

Ali Mostafa

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Summary

Computer and Communication Engineering graduate from IUL University (**overall average: 82.31/100**) with a strong foundation in programming, networking, and intelligent systems. Gained practical experience in modern web development and deep learning through academic projects. Quick learner and collaborative team member with strong analytical thinking and the ability to deliver solutions under pressure.

Education

- Bachelor's in Computer and Communication Engineering | *Oct 2020 – Jul 2025*
Islamic University of Lebanon – Wardaniyeh
- Secondary School | *Sep 2017 – Jun 2020*
Al Mostafa High School – Haret Hreik
- Primary & Middle School | *Oct 2006 – Jun 2017*
École de la Providence – Filles de la Charité, Mreyjeh

Technical Skills

- Languages & Web: Python, Java, C++, PHP, JavaScript, HTML, CSS, MATLAB, Assembly
- Frameworks & Libraries: React, Node.js, Flask, TensorFlow, PyTorch, OpenCV, Pandas, Bootstrap, Tailwind, Java Swing
- Databases: MySQL, Oracle
- Embedded Systems & Simulation: Arduino, Proteus, MPLAB, Proton IDE, Cisco Packet Tracer, Asterisk PBX
- Dev Tools: Git, GitHub, Jupyter, Google Colab, XAMPP
- OS: Windows, Linux (basic CLI)
- Other Tools: MicroSIP, Microsoft Office

Projects & Internships

- Final Year Project – AI-Based Pneumonia Detection System
AI Web App Developer | Apr – Jul 2025 | Grade: 89/100
Developed and deployed a CNN-based pneumonia detection model using chest X-ray datasets. Implemented a Flask web app to provide real-time predictions and support clinical usability.
- Training – Logging & Access Monitoring System (ISF)
Frontend Web Developer | Aug – Sep 2024
Developed a React interface with role-based access and integrated Excel-based logs to support access monitoring for the ISF system.
- Web Project – IUL CourseFlow
Backend Web Developer | May – Jun 2024 | Grade: 87/100
Developed an academic course management system to facilitate course selection and enrollment. Collaborated on UI, implemented backend using PHP, integrated MySQL, and conducted system testing.
- Web Project – Skin Disease Detection System
Full Stack Web Developer | Mar – May 2024 | Grade: 92/100
Developed and deployed an AI-based skin disease classifier using Flask, HTML/CSS/JS. Integrated image upload, report generation, and automated email delivery features.
- Training – Desktop Travel Management System
Full Stack Desktop Developer | Aug – Oct 2023 | Grade: 86/100
Developed a Java Swing-based desktop application for managing travel services. Implemented user authentication, role-based access, MySQL integration, and report generation features.

Languages

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

Leadership & Volunteering

Scout – Medic First Aid (2018): Participated in emergency response training, workshops, and real-life simulations.