

## Personal details

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## Skills

Programming & Scripting: Python, C/C++, JavaScript, HTML/CSS, Java, PHP, SQL

Networking: TCP/IP, SIP, VoIP, Asterisk PBX, QoS, Routing/switching, VLANs

Databases: MySQL

Web Development (Full Stack)

Cybersecurity

Cloud platforms: AWS

Microsoft Office Suite: Word, Excel, PowerPoint, Outlook

## Languages

- English
- French
- Arabic

# Zahraa Mokdad

Computer and Communication Engineer

## Profile

**Computer and Communication Engineer** with hands-on experience in full-stack development, network engineering, and AI-powered assistive technology. Proven ability to deliver solutions under tight deadlines with a passion for innovation and emerging tech.

## Education

**Bachelor of Engineering in Computer and Communication Engineering****2019 - 2025**

Islamic University of Lebanon (IUL), Wardaniyeh

## Projects

**E-Commerce Web Platform****2022**

**Tech:** HTML/CSS, JavaScript, PHP, MySQL

- Developed a fully functional online shopping system with distinct user and admin interfaces.
- Implemented features such as registration, login, cart management, and order tracking.
- Designed an admin dashboard for efficient inventory and order control.
- Outcome:** Delivered a user-friendly and responsive platform with real-time data handling capabilities.

**Java E-Commerce App****2023**

**Tech:** Java, JavaFX, JDBC, MySQL

- Built a desktop application for selling agricultural products with a focus on usability and performance.
- Developed role-based features including a cart system, membership benefits, and farming support tools.
- Added admin functionality for inventory and sales management.
- Outcome:** Improved digital access for farmers and small-scale vendors, with a robust backend and smooth user interaction.

**Object Detection with Voice Feedback****2024**

**Tech:** Python, OpenCV, Deep Learning

- Developed a real-time assistive system for visually impaired users.
- Integrated object detection and voice synthesis for audio feedback.
- Used deep learning models for accurate object recognition.
- Outcome:** Successfully tested in real-world scenarios with high accuracy and low-latency voice feedback.

**Spa & Wellness Website****2025**

**Tech:** HTML, CSS, Responsive Design, PHP, Bootstrap

- Introduces the spa and its offerings.
- Displays various wellness and spa packages.
- Provides detailed information about spa services and amenities.
- Outcome:** Demonstrates strong frontend development skills, clean layout design, and responsive web principles.

## Certificates

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<b>Bachelor's in computer and communication engineering</b>	<b>2025</b>
<b>Cybersecurity – YouBee.ai</b>	<b>2025</b>
<b>Web Development – YouBee.ai</b>	<b>2025</b>
<b>Google Data Analytics Professional Certificate – Expected Completion: September 2025</b>	