

Mohammad Hussein Shaalan

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EDUCATION

Lebanese American University, Beirut, Lebanon

Sep 2023 – (Expected May 2028)

- Senior Computer Engineering student with minor in Artificial Intelligence (AI)
- Honors: Placed several times on Engineering Dean's honor list
- Cumulative GPA: 3.85/4.0 (till Spring 2026)

Tahwita Modern School

Sep 2022 – June 2023

Lebanese Baccalaureate, General Sciences, Graduated with Distinction.

PROFESSIONAL EXPERIENCE

- **Academic Tutor** @ Lebanese American University Aug 2025 – Present
- **Tutor** @ YMY Tutoring Company Feb 2026 – Present
- **Private Tutor** for Engineering Courses Jun 2025 – Present
- **Freelance Web Developer** : Delivered a custom full-stack web solution for clients Dec 2025 – Present
- Strong background in **microcontroller programming**, with hands-on experience in **hardware-software interfacing**.

LEADERSHIP AND COMPETITIONS

Lebanese Collegiate Programming Contest (LCPC) | 2025

- Ranked 4th Nationally: Outperformed over 20 teams in a high-pressure algorithmic competition.
- ACPC Nominee: Selected to represent Lebanon and LAU at the Arab Collegiate Programming Contest in Egypt.

Engineering Club (Beirut Campus) | Co-founder & Vice President

- Spearheaded the establishment of the club, growing membership to 100+ students and coordinating technical workshops in collaboration with industry professionals.

IEEE Computer Engineering Club | Active Member

EXTRACURRICULAR EXPERIENCE

- **Barber** @ Salon Shaalan Jan 2020 – Dec 2022

- **Satellite Network Technician** *Jan 2022 – Dec 2024*
- **High School Teacher (Grade 12)** *Jan 2023 – Dec 2024*

SKILLS & PERSONAL

- **Programming:** C++ (Advanced), Java, Assembly (x86/MIPS), Python, JavaScript
- **Embedded Systems:** Microcontroller Interfacing (Arduino, HCS12 family processor), Sensors, Motors, FPGAs, Digital Logic Design.
- **AI & Data Science:** LLM Agents (LangChain), Deep Learning (CNN, LSTM), Model Optimization.
- **Web Development:** HTML5, CSS3, NodeJS, Express, SQL, Database Normalization.
- **Tools/Methodologies:** Git, Docker, FPGA Design (Quartus, ModelSim).
- **Languages:** Arabic (Native), English (Fluent - Professional/Technical proficiency).