

Ayla D. Abedelsater

Beirut, Lebanon · 81843294 · ayla.abedelsater@lau.edu

EDUCATION

Lebanese American University, Beirut, Lebanon

September 2023 - Present

Bachelor of Arts in Computer Engineering

- Dean's Distinguished List
- Expected Graduation: December 2027

Heliopolis High School, Iaat, Lebanon

High School Diploma, Graduated 2023

- Attended from 2008 to 2023

SKILLS

Programming Languages: Proficient in Java, Python, assembly and C++ with hands-on experience in academic coursework and projects

Databases & SQL: Practical experience in database design and SQL using MariaDB and HeidiSQL, including data management, querying, and basic optimization.

AI & Machine Learning: Solid foundation in Machine Learning and Deep Learning architecture; proficient in supervised/unsupervised learning, neural networks, and model evaluation. Certified by **Cisco Networking Academy** in Modern AI, with expertise in Large Language Models, and AI-tool integration.

Technical Skills: Intermediate-level circuit design and electronic board assembly; familiar with lab equipment and basic testing procedures

Engineering Software & Tools: Hands-on experience with engineering and development tools such as Quartus II, LTspice, CodeWarrior, and other related software used for digital design, circuit simulation, and embedded systems development.

Software Tools: Strong command of Microsoft PowerPoint, Excel, and Word for academic presentations, data organization, and documentation

Design & Visual Communication: Experienced in creating posters and visual materials for club events and awareness campaigns using Canva and similar tools

Languages: Arabic (native), English (fluent)

EXPERIENCE

Engineering Club, Lebanese American University – Beirut, Lebanon

September 2024 - Present

Secretary

- Coordinate and document all club meetings and internal communications
- Organize academic and networking events to promote student engagement in engineering fields
- Collaborate with faculty and student leaders to plan workshops, competitions, and outreach initiatives

Web & Application Development Internships – Lebanon

Summer 2025

- Completed two internships focused on web development and mobile/application development for Android Using Flutter
- Designed and developed websites and application-based projects using modern development tools and frameworks
- Implemented responsive user interfaces, basic backend functionality, and database integration
- Gained practical experience in project planning, debugging, and deployment workflow

Freelance Private Tutor – In-person

2023 – Present

- High School Tutoring: Provide one-on-one instruction in Mathematics and Physics, developing customized lesson plans for national exam preparation
- University Engineering Support: Deliver tutoring in core engineering coursework for undergraduate students.

Lebanese Organization for Studies and Training (LOST) – Lebanon Member • Participated in youth development programs focused on civic engagement and educational access • Assisted in organizing awareness campaigns and community training sessions on sustainable development • Participated in programs for life skills development	2020 - 2023
LEADERSHIP EXPERIENCE AND COMMUNITY INVOLVEMENT Lebanese Scouts Association – Iaat, Lebanon Scout Member • Participated in national and local scouting camps, leadership training, and volunteer service • Developed strong teamwork and problem-solving skills through outdoor activities and community initiatives	2016 - 2018
Uspeak Local Organization – Lebanon Participant, Social Program Improvement • Contributed to the development and improvement of community social programs through workshops and collaborative initiatives • Engaged with local stakeholders to identify community needs and propose actionable solutions	Summer 2017
VOLUNTEER Lebanese Red Cross – Lebanon Volunteer, Fundraising Campaigns • Assisted in organizing and running money collection campaigns to support emergency relief efforts • Helped raise awareness and mobilize community participation for health and humanitarian initiatives	Summer 2015