

Ayla D. Abedelsater

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OBJECTIVE

Computer Engineering student with a minor in Artificial Intelligence, combining a strong foundation in embedded systems and engineering with practical experience in full-stack development and AI-driven applications. Seeking to contribute technical skills to innovative projects in software, AI, and robotics.

EDUCATION

Degree	Institute	Date
Major: Bachelor of Computer Engineering	Lebanese American University (Beirut, Lebanon)	Sep 2023 –Present
Minor: Artificial Intelligence (enrolled summer 2026)		Graduation 2027
Lebanese Baccalaureate of life science	Heliopolis High School (Iaat, Lebanon)	Graduated 2023

EXPERIENCE

Web & Application Development Internships (at C&C)

Software Development Intern

Lebanon

Summer 2025

- Designed and deployed websites and Android mobile applications using Flutter and modern web frameworks
- Integrated database backends and implemented RESTful API connections across 2 full project cycles

Freelance Private Tutor

Academic Tutor – Mathematics, Physics & Engineering

Beirut, Lebanon

2023 – Present

- Delivered personalized tutoring to high school and university students, with 100% national exam pass rate
- Developed custom lesson plans in core engineering topics for undergraduate-level coursework

Engineering Club, Lebanese American University

Secretary

Beirut, Lebanon

Sep 2024 – June 2025

- Coordinated and documented all club meetings, and organized workshops, networking events, and competitions

SKILLS

- AI Skills:** Machine Learning, Deep Learning, LLMs, Prompt Engineering, RAG Pipelines
- Technical Skills:** Python, Java, C++, Assembly, SQL, HTML, CSS, JavaScript
- Tools:** Flutter, Quartus II, LTspice, CodeWarrior, Jupyter Notebook, Agile/Scrum
- Languages:** Arabic (Native), English (Fluent)

PROJECTS

- LLM-Based Course Scheduler (Python, LangChain, Gemini, Chroma, FastAPI) | LAU-Beirut (2026)**
Developed an AI academic assistant embedding 2,442 course records via a 3-stage RAG pipeline with FastAPI chat
- Gmail Internship Monitor (Python, LangChain, Claude/OpenAI, Streamlit, RAG) | LAU-Beirut (2026)**
Built a Gmail-monitoring LLM agent that auto-classifies internship emails every 2 minutes using a RAG pipeline for scam detection and skill matching, with automated Gmail labeling and a Streamlit dashboard.
- Gourmet Go – Restaurant Management System (Go, React, SQLite, REST API) | LAU-Beirut (2025)**
Built a full-stack restaurant platform with 15+ REST API endpoints, normalized SQLite schema, role-based access for 4 user types, and a React SPA for dine-in and delivery order management.
- Hotel Reservation Management System (C++, HTML, CSS, JavaScript, JSON) | LAU-Beirut (2025)**
Implemented an object-oriented reservation system in C++ with persistent JSON storage for room booking.

CERTIFICATIONS

- Modern AI & Large Language Models | Cisco Networking Academy 2026
- Certificate of Participation | SiliconCedars Microelectronic Competition | LAU 2025 & 2026
- Web Development Certificate | Code&create Academy 2025