

NOUR EL RIFAI

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EDUCATION

Lebanese American University (LAU), Byblos, Lebanon

Expected December 2026

Bachelor of Engineering in Computer Engineering

- **Relevant Coursework:** Data Structures, Database Systems, Software Engineering, LLMs, Machine Learning.

SKILLS

Libraries & Frameworks: Docker, Git, .Net, HTML, CSS, FastAPI

Programming: Java, Python, C#, C++, Assembly

Data & AI: PostgreSQL, Redis, LangChain, FAISS

Languages: Arabic, English, French

PROFESSIONAL EXPERIENCE

InMind Academy

July 2025 - August 2025

Backend Intern

- Designed scalable backend services using Clean Architecture, N-Layer, CQRS, Event Sourcing, OData, caching, and interservice communication via HTTP/HTTPS, gRPC, and async message brokers.
- Improved maintainability and security by applying design patterns and implementing robust authentication/authorization with roles and claims.

PROJECTS

Wazefne | Angular 21, Node.js, PostgreSQL, Clerk, Socket.IO, Supabase, Google Gemini

- Built a full-stack freelancer marketplace featuring a job board, bidding system, offer lifecycle management, reviews/ratings, and real-time messaging with Socket.IO.
- Integrated multi-provider OAuth using Clerk, Supabase file storage, and an AI-powered CV analyzer with Google Gemini to parse PDF/DOCX uploads and return structured scores, strengths, and improvement suggestions.

Employee Assistant Agent | LangChain, LangGraph, Google Gemini, FAISS, SQL

- Designed a React-based LLM agent using LangChain/LangGraph and Google Gemini to support warehouse operations through natural language, integrating SQL tools for inventory, sales, and order tracking with RAG over PDF documents via FAISS vector stores.

Real-Time Fleet Management API | ASP.NET Core, EF Core, PostgreSQL, Keycloak, SignalR

- Built a DDD-structured ASP.NET Core Web API with EF Core and PostgreSQL to manage vehicles and drivers, including full CRUD and one-to-one assignment.
- Secured endpoints with Keycloak JWT role-based authorization and implemented real-time vehicle location streaming using SignalR.

Travel Agency Website | Django, HTML, CSS, Database Systems

- Created a web-based vacation booking system using Django, HTML, and CSS, enabling travel agents to manage vacation packages, flight details, and invoicing processes efficiently.
- Implemented a database system to handle real-time vacation and flight data, ensuring data integrity and preventing overbooking through concurrency control mechanisms.

LEADERSHIP POSITIONS

IEEE Women in Engineering - LAU, Byblos | Treasurer

Sep 2025 - May 2026

- Organized event resources and logistics, kept clear records and dashboards, and partnered with the core team on sponsorships and planning to ensure smooth, well-run activities.

Developer Student Club - LAU, Byblos | Secretary

Sep 2025 - May 2026

- Coordinated member communications and calendars, recorded meeting minutes, maintained documentation, and logistics.

LAU Simulation Model Programs (MAL, MEU, MGG, & MUN)

Jan 2025 - May 2026

Logistics & Operations Coordinator

- Organized class materials for on-campus training sessions and final conferences (3000+ middle and high school delegates), and ensured sessions ran smoothly and on schedule through on-floor coordination.