

EDUCATION

Saint-Joseph University (USJ), Lebanon
BE in Computer and Communications Engineering

September 2020 – May 2025

Collège Notre Dame des Sœurs Salvatoriennes (MSA), Lebanon
Lebanese Baccalaureate in General Sciences

June 2020

EXPERIENCE

Siren Analytics

Full-Stack Developer Intern

January 2025-April 2025

- Worked on a government-backed Quarries Project in collaboration with the Ministry of Environment, focusing on enhancing and extending an existing system.
- Enhanced the frontend using AngularJS by adding new components, improving UI/UX, and ensuring better user interaction and responsiveness.
- Developed and integrated new features in the backend using Spring Boot.
- Collaborated with a cross-functional team using Agile methodology, including regular sprint reviews and stand-ups.
- Developed a simple AI agent that schedules meetings based on user input, integrating OpenAI's GPT with the Microsoft Graph API.

PwC ElevateMe Programme

Mentee

December 2024-March 2025

- Attended workshops related to ChatGPT, Effective Communication, and Building Your Personal Brand, gaining practical skills in AI tools, professional communication, and personal branding.
- Engaged in a 1:1 mentorship session: received personalized guidance and feedback from a mentor, addressed specific career questions and development goals.

Dar Al Handasah

Software Engineer Intern in the IT department

July 2024 – August 2024

- Worked on networking, with a focus on Mikrotik and Gained hands-on experience with virtualization technologies.
- Developed with my team a full-stack blog website using the MERN stack, focusing primarily on the backend.
- Learned the basics of project management.

Skills

AngularJS, SpringBoot, Java, Python, C++, SQL, React, Matlab, Git, Unix OS, Arduino

PROJECTS

Final Year Project: RAG-Based Course and Degree Recommender System- January 2025 to May 2025

- Developed a Retrieval-Augmented Generation (RAG) system that recommends ESIB courses and degrees based on users' academic goals and interests.
- Conducted in-depth research to evaluate and select the most suitable Large Language Model (Command by Cohere) for natural language understanding and response generation.
- Collected, cleaned, and structured relevant academic data.
- Built a user-friendly interface using Streamlit, enabling users to interact with the system and receive tailored recommendations in real-time.

Multi-disciplinary Project – February to June 2024

Developed a smart home controller mobile application in collaboration with electrical engineering students:

- Worked on both the front-end using React Native and back-end of the mobile application using MongoDB.
- Utilized a Raspberry Pi to develop an algorithm that determines the most efficient electrical source, and integrated the mobile application with the Raspberry Pi
- Established serial communication between the Raspberry Pi and Arduino, enabling mutual command sharing between the mobile app and Arduino.

CERTIFICATES

Project Management (**Fundamentals of Predictive Project Management issued by Project Management Institute**)

Artificial Intelligence Bootcamp (**30 hour hybrid training by ZAKA AI**)

SUMMARY SKILLS

Languages: English, French (Delf B2 78/100), Arabic

Soft skills: Communication, self-motivated, teamwork, attention to details, results-driven, analytical