

# Charbel Fares

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Driven Computer Science student with a strong foundation in technology and a deep interest in strategy, product management, and digital consulting. Aspiring to bridge the gap between business and technology by leveraging analytical thinking, leadership, and creativity to build impactful solutions. Passionate about pursuing graduate studies that foster innovation, strategic decision-making, and product-driven growth in the tech industry.

## EDUCATION

### Holy Spirit University of Kaslik – USEK

B.S. in Computer Science

Kaslik, Lebanon

Dec 2025

### College Mariste Champville

Lebanese Baccalaureate in Life Sciences

Dik El Mehdi, Lebanon

Jun 2022

## EXPERIENCE

### OMT Online Money Transfer

Software Developer Intern

Badaro, Lebanon

July 2025 – Aug 2025

- Developed and deployed proxy pipelines and business services in Oracle Service Bus (OSB) using JDeveloper, enabling seamless integration between internal systems and external REST APIs
- Implemented and tested Angular components to enhance user-facing workflows, while ensuring backend integration aligned with enterprise architecture standards.

### Inmind.ai

Data Engineer Intern

Mkalles, Lebanon

July 2025 – Aug 2025

- Engineered and maintained scalable ETL pipelines to ingest, clean, and transform large datasets using Python Spark and SQL, improving data reliability for analytics teams through dashboards made on Palantir Foundry.
- Developed reusable scripts and modules to streamline reporting workflows, enhancing decision-making speed for business stakeholders by 70%.

### Banque Du Liban

Software Engineer Intern

Beirut, Lebanon

July 2024 – Aug 2024

- Developed a full-stack solution with Node.js and PostgreSQL to analyze and improve login behavior, increasing system reliability by 40%.
- Integrated external APIs for live data feeds, led root-cause analysis of API failures and optimized network configurations, ensuring 100% uptime for API-driven features.
- Created responsive UI components using React and Tailwind CSS, enhancing user experience and accessibility on both desktop and mobile devices on a Node.js environment.

## PROJECTS

### Catalyst – AI-Powered Career Platform (Final Year Project)

Dec 2025

- Built a production-grade React 18 + Vite SPA with TypeScript and Tailwind, featuring a dark, glass morphism UI, interactive dashboards, and role-based navigation for career optimization.
- Designed and implemented a Node.js/Express backend with Clerk authentication and Neon/PostgreSQL, modeling user profiles, CV history, interview sessions, and a polymorphic Library for saved AI outputs.
- Integrated Perplexity Sonar LLMs to power CV scoring, interview feedback, and live market insights, using structured prompts and strict JSON responses to produce ATS-style evaluations and analytics.
- Developed a privacy-first CV and interview toolkit including client-side PDF text extraction, progress visualizations, and a voice-enabled interview simulator built on the Web Speech API and a custom state machine.

### Machine Learning Model – Football Analytics

May 2025

- Developed a predictive model to analyze football match outcomes using Python, Pandas, and scikit-learn, achieving 80% cumulative accuracy Implementing machine learning algorithms to predict player performance and match results.
- Performed extensive data cleaning, feature engineering, and EDA on historical football datasets, uncovering KPIs on 10,000+ records.
- Created visual dashboards and reports to communicate data to non-technical stakeholders, enabling data-driven decision-making.

### Crypto Wallet Smart Contract

Jan 2025

- Developed a Solidity smart contract for secure funds management on Ethereum deployed on Sepolia testnet.
- Implemented deposit & withdrawal logic with security features to prevent fund loss.

## **EXTRACURRICULARS ACTIVITIES**

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### **Scouts Champville**

**Dik El Mehdi, Lebanon**

*"Projet de financement" Project Manager.*

*Nov 2023 – May 2024*

- Led and structured multiple brainstorming sessions throughout the project lifecycle, employing techniques like mind mapping and SWOT analysis to encourage creative problem-solving and effective team collaboration.
- Secured over \$7,000 in funding by developing and executing a personalized outreach strategy through personalized phone calls and email campaigns, effectively building long-term sponsor relationships.

### **Red Cross**

**Beirut, Lebanon**

*Volunteer*

*Nov 2022*

- Successfully completed the First Aid responder Training Course of 30+ hours covering essential lifesaving techniques and emergency procedures.

## **SKILLS**

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**Languages:** Arabic (native), English (fluent), and French (fluent).

**Technical Skills:** JavaScript, SQL, Python, PySpark, HTML/CSS, Java, C++, Large Language Models (LLMs).

**Soft Skills:** Communication, , Adaptability, Teamwork, Problem-Solving, Leadership, Time Management, Critical Thinking

## **INTERESTS AND HOBBIES**

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Artificial Intelligence, Business, Fintech, Football, Padel, Reading, History, Psychology, Scouts, Hiking.