

Nour Harb

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EDUCATION

Lebanese American University
Bachelor of Arts in Computer Science

Aug. 2022 – Dec. 2025
Byblos, Lebanon
GPA: 3.3

Collège des Sœurs des Saints Cœurs - Byblos
Lebanese Baccalaureate - Life Sciences

2016 – 2022

EXPERIENCE

AI/Data Science Intern | *Monty Mobile*

July - Aug. 2025

- Collaborated with engineers and data scientists to design and develop AI-powered automation workflows and machine learning recommendation systems.
- Built and optimized Retrieval-Augmented Generation (RAG) pipelines and text-to-speech chatbots using n8n, OpenAI API, Ultravox, and Supabase.
- Engineered and cleaned large telecom datasets, created machine learning models for personalized recommendations, and evaluated model performance.

PROJECTS

AI Shopper App | *Flutter, FastAPI, MySQL*

Oct. 2025 – Present

- Developing a mobile application that aggregates clothing items from multiple Lebanese retailers.
- Built an Extract-Transform-Load (ETL) system that scrapes data from internal store APIs.
- Implementing AI-powered image search to find visually similar products using vector embeddings.
- Designed a personalized recommendation system based on user preferences and feedback.

Telecom Next Best Offer Recommendation | *n8n, Twilio, Ultravox, OpenAI API*

July 2025

- Built a machine learning model to recommend personalized telecom bundles based on user purchase history.
- Designed and implemented a full pipeline for data cleaning, feature extraction, and model training/testing.
- Compared supervised and unsupervised approaches to optimize performance.

eSIM Support Call Agent | *n8n, Twilio, Ultravox, OpenAI API, JavaScript*

Aug. 2025

- Built an AI-powered call agent that answered customer queries and automated troubleshooting for eSIM activation issues.
- Integrated Twilio for international call handling and Ultravox for intent detection and RAG-based responses.
- Designed and tested the prompt for the AI agent to ensure natural, accurate replies.
- Designed n8n workflows for call orchestration, automated tool calling, and escalation to human agents

HR Chatbot | *n8n, Supabase, PostgreSQL, OpenAI API*

Aug. 2025

- Developed a Telegram chatbot that helps recruiters identify top candidates based on uploaded CVs.
- Automated CV parsing, metadata extraction, and embedding generation using OpenAI models.
- Implemented semantic search with Supabase vector storage for skill and experience matching.
- Wrote and optimized prompts for the AI model to improve contextual understanding and accuracy.

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, JavaScript, R, HTML

Frameworks & Libraries: FastAPI, React, Node.js, Laravel, Pandas, SQLAlchemy, Pydantic

Tools & Platforms: Git, GitLab, Docker, n8n, Supabase, MongoDB, MySQL, Semrush