

ASSIL CHEHADE

Computer & Communication Engineering Student

assil.chehade@gmail.com | +961-70 49 11 55 | Beirut

PROFILE

Fourth-year Computer & Communication Engineering student at the Lebanese University with strong interests in Artificial Intelligence, Machine Learning, and Software Engineering. Passionate about developing intelligent systems, data-driven applications, and scalable software solutions. Motivated to continuously grow professionally and contribute to innovative real-world technologies.

EDUCATION

Computer and Communication Engineering

Sept 2022 – Present

- Lebanese University Faculty of Engineering | Beirut

PROJECTS

HR AI Agent & Chatbot

- Developed an AI-powered HR management web application for managing recruitment processes, applicants, and job applications using Java, SQL, HTML, CSS, and JavaScript
- Integrated an AI chatbot using RAG architecture with Ollama, embeddings, and a vector database to answer questions based on company documents and PDFs .
- Implemented AI-based CV ranking, automated email notifications, Java concurrent programming for multi-user support, and Docker containerization for scalable deployment.

SiyaraAI Pro — Lebanese AI Vehicle Diagnostic Assistant

Built a full-stack AI diagnostic system using FastAPI, LangGraph, and a locally-hosted Ollama LLM to analyze vehicle symptoms and OBD-II codes; implemented 5 specialized tools, a 3-tier memory architecture, and a multilingual (Arabic/French/English) interface, containerized with Docker for production deployment

Machine Learning & Data Analysis Projects

- Built and evaluated machine learning models by performing data cleaning, preprocessing, feature engineering, feature selection, cross-validation, and hyperparameter tuning using Scikit-learn.

Car Rental System (C#, SQL)

- Developed a database-driven application with GUI, CRUD operations, and rental/customer management functionalities.

EXPERIENCE

JUL-SEP 2025

Ogero – Internship in IP networking and telecommunications

Gained practical experience in IP networking, telecommunications infrastructure, network configuration, and communication systems operations.

Electroslab – Engineering Intern

Circuit design, prototyping, and automation systems.

TECHNICAL SKILLS

AI & Data: ML, preprocessing dataset, NeuralNetworks,,RAG,Feature extraction,..

Programming: Python, C, C#, Java,SQL,NoSQL,html,css,Javascript

Tools: Git, Scikit-learn, Pandas, NumPy, MATLAB, Docker, Ollama , Arduino..