

FREDDY CHEDID

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Address: Beirut, Lebanon

EDUCATION

Université Saint-Joseph de Beyrouth - (USJ-ESIB)

From 09/2021 to 07/2026

M1 in Computer and Communications Engineering

Collège des Sœurs du Rosaire – Mountazah

From 09/2005 to 08/2021

Official Lebanese Baccalaureate in General Science with “Good” distinction

WORK EXPERIENCE

Inkript Technologies (Resource Group)

Position: Junior R&D Specialist (Part Time)

From 03/03/2025 - Present

- Built document classification and field-extraction models using CNNs, YOLO and custom automation pipelines.
- Trained a custom Arabic OCR.
- Developed systems with FastAPI backend and React frontend.
- Deployed solutions in Dockerized environments for scalable and secure inference.

Position: R&D Intern

From 03/06/2024 to 02/08/2024

- Reached a milestone in the creation of an Arabic OCR Model.
- Worked in data generation, data analysis and creation of AI models.
- Developed APIs and integrated them into mobile applications.

PROJECTS

SmartTutor

Université Saint-Joseph (ESIB)

- Developed an AI-powered chatbot using FastAPI APIs, LangGraph workflows, Qdrant vector database, and more.
- Integrated OCR, semantic retrieval and AI-based document processing to support course-content understanding.

Human Motion Analytics

École des Mines de Paris (PSL)

- Implemented automatic RULA scoring and visualization for ergonomic risk assessment.
- Developed dynamic feature selection for interpretable 3D human motion analysis.

PROFESSIONAL CERTIFICATES

- **Samsung Innovation Campus AI Program** **Samsung Levant** 10/2025
Built a chatbot + CNN model for Samsung device recognition. Fine-tuned YOLO and Qwen using LoRA to enhance accuracy and efficiency.
- **Artificial Intelligence Boot Camp** **ZAKA.AI** 08/2023
This boot camp provides a complete understanding of Machine Learning algorithms.

SKILLS

Computer Skills: C++ – Java – Python – MySQL – Machine Learning – Tensorflow – PyTorch – LLMs – CNNs – NLP – GenAI

Languages: Arabic (native), English (fluent), French (fluent), German (elementary level)

VOLUNTEERING ACTIVITIES

ZAKA.AI

- *Country Lead Ambassador* **From 01/05/2025 - Present**
- *Student Ambassador (USJ Lead)* **From 01/08/2024 to 01/05/2025**

INTERESTS AND HOBBIES: GUITAR – GAMING – SWIMMING