

Hiba Dawi

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Data Scientist | AI Engineer | Curious. Committed. Creative.

Enthusiastic Data Science graduate with a Master's in Machine Learning & AI. Skilled in turning complex data into practical ML solutions, from analysis to deployment, with a focus on real-world impact.

EDUCATION

M2 in Machine Learning & Artificial Intelligence

Lebanese University

10/2023 - 10/2024

Bachelor in Data Science

Lebanese University

10/2019 - 09/2022

CERTIFICATIONS

Zaka.ai, AI Certificate Program

05/2025 - 10/2025

An intensive 5-month program focused on end-to-end machine learning workflows, deep learning architectures, and applying AI to real-world projects.

The Nawaya Network, Employment Hub Program

05/2025 - 08/2025

A career development program designed to enhance employability skills, covering professional communication, technical upskilling, and career readiness.

WORK EXPERIENCE

Data Consult

01/2022 - 04/2022

CRM/ERP Data Intern

- Explored CRM and ERP tools to assess their suitability for business process management.
- Assisted in configuring Odoo modules to understand real-world CRM implementation and workflows.
- Created structured content in Strapi, verifying system functionality through REST API integration tests.

PROJECTS

AI-Driven Robo-Advisor for Personalized Financial Planning

10/2025

Built a full-stack Flask and Streamlit app integrating OpenAI / Ollama LLMs for personalized financial advice, risk assessment, and goal tracking with Dockerized AWS deployment

Deploying an Object Detection Web App

08/2025

Built and deployed a YOLOv8-powered web app using Flask and Docker on Render, showcasing end-to-end computer vision workflows with live image inference.

A Predictive Analytics Dashboard Solution for Lebanese Healthcare

12/2024

Collaborated in a team to design and develop a medical analytics dashboard using real data from Lebanese hospitals. Leveraged machine learning, Next.js, Tailwind CSS, and Python FastAPI to deliver predictive healthcare insights, enhancing hospital efficiency and patient care.

Towards Sentiment Analysis Customizable Dashboard in Python

09/2022

Built a real-time, customizable dashboard to analyze public sentiment toward Monkeypox vaccination using Twitter data. Leveraged natural language processing techniques for sentiment classification and used Python libraries to automate data scraping, analysis, and visualization.

SKILLS

AI & Machine Learning: Supervised & Unsupervised Learning, Deep Learning (CNN, RNN, Hugging Face Transformers, LSTM), NLP, Computer Vision, Model Evaluation & Optimization, Scikit-learn, TensorFlow, Keras, OpenCV, NLTK, LLMs, Flask

Programming & Tools: Python, C++, Java, R, Docker, Tableau, SPSS, Git

Soft Skills: Analytical Thinking, Teamwork, Planning & Organization, Problem-Solving, Team Collaboration, Communication, Time Management