

MIRA AKL

AI Engineer / Data Scientist

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SUMMARY

Data Science Master's student with a strong interest in Artificial Intelligence, Generative AI, and Machine Learning. Experienced in Python development, machine learning, data analysis, and building AI-powered applications using LLMs and prompt engineering techniques. Passionate about applying emerging AI technologies to solve real-world problems.

KEY SKILLS

- Object Oriented Programming with Python
- LangChain
- Generative AI & LLM Applications
- Prompt Engineering
- API Integration
- Azure AI
- Jupyter Notebooks
- Research Mindset
- Ownership

PROJECTS

LLM-Powered Educational Assistant

Developed an AI-powered learning assistant using Python and LLM APIs to generate explanations, quizzes, and coding exercises. Utilized prompt engineering and context-aware interactions to improve response quality.

AI Research Assistant

Built a prototype assistant for summarizing scientific literature and extracting key insights from technical documents. Explored retrieval-enhanced prompting techniques and evaluated output quality in Jupyter Notebooks.

Arabic Sentiment Analysis

Developed an NLP pipeline for Arabic text classification, including preprocessing, feature extraction, model training, and performance evaluation using machine learning techniques.

EDUCATION

Master's Degree in Data Science with AI Specialization

Université Saint-Joseph de Beyrouth

- Rank in Class: 1 with 85% average

Sept. 2025 – Present

Professional Diploma in AI and Data Science

American University of Beirut

- Final Grade: A+

Sept. 2024 – July 2025

Bachelor's Degree in General Physics

Lebanese University

Nov. 2020 – June 2024

WORK EXPERIENCE

Coding Instructor | CodeBrave | Beirut, Lebanon

Sept 2023 – Present

- Designed and delivered coding curricula including data analysis and machine learning concepts.
- Developed hands-on projects to teach real-world applications of programming.
- Trained students in problem-solving, algorithms, and logical thinking.
- Taught Python, AI fundamentals, and data-driven problem solving to students.