

MUSTAPHA LIAICHI

Data Science & AI Engineer

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EDUCATION

School of Information Science

Engineer's degree - Data Science

2022 – 2025

Rabat, Morocco

Ibn Tahir

CPGE - Mathematics and Physics

2020 – 2022

Errachidia, Morocco

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Machine Learning
- Deep Learning
- Natural Language Processing
- Computer Vision
- Big Data Analytics
- Cloud Computing
- API Development

PROJECTS

AutoEDA Chat - Automated Exploratory Data Analysis

- Developed an AI-powered platform for automated Exploratory Data Analysis using Next.js, React, and Node.js.
- Integrated OpenAI's GPT models and implemented Retrieval Augmented Generation (RAG) for context-aware AI responses.
- Utilized PostgreSQL with Drizzle ORM for data management and AWS S3 for secure file storage.

AI-Powered Internship Evaluation System [↗](#)

- Implemented multiple LLMs (GPT-4, Groq's Mixtral 8x7B) for automated internship evaluations.
- Created a multi-agent system using CrewAI and LangChain for efficient LLM interactions.

REG-ESI Chatbot [↗](#)

- Built an intelligent chatbot for HDR and MAA regulations using advanced NLP techniques.
- Utilized FAISS for efficient vector storage and retrieval.

SpamClassifierAPI [↗](#)

- Developed an end-to-end ML pipeline for email classification.
- Implemented model training, hyperparameter tuning, and API deployment using FastAPI.

EXPERIENCES

Data Science Intern www.diezagency.com

Jul 2024 - Sep 2024

- Developed AutoEDA Chat, an AI-powered platform for automated Exploratory Data Analysis.
- Designed and implemented a full-stack application using Next.js, React, and Node.js.
- Integrated OpenAI's GPT models and implemented Retrieval Augmented Generation (RAG).

Python Programmer & Web Scraping Specialist peopleperhour.com

2021 - Present

- Specialized in web scraping, automation, and machine learning projects.
- Developed data extraction tools using Scrapy and BeautifulSoup.

CERTIFICATIONS

Applied Data Science Lab

WorldQuant University

Sep 2023

[Verify](#)

IBM Machine Learning Essentials

IBM

Aug 2024

[Verify](#)

IBM Machine Learning Specialist - Professional

IBM

Aug 2024

[Verify](#)

TECHNICAL SKILLS

Languages: Python, SQL, C++

AI Technologies/Frameworks: TensorFlow, PyTorch, Scikit-learn, Keras, NLTK, SpaCy

Other Tools & Technologies: Git, Docker, AWS, Azure, FastAPI, Flask, Streamlit, MongoDB, PostgreSQL