

AIMANE RHIMINI

[Portfolio](#) · [Github](#) · [Linkedin](#) · +212 639 607 843 · rhiminiaimane@gmail.com · Morocco

PROFESSIONAL SUMMARY

- Master's student in AI & Data Science with experience in machine learning, NLP, and data engineering
- Strong expertise in Python development for production AI systems, including RAG chatbots, and predictive models.
- Proven ability to integrate AI solutions into enterprise systems (ERP Odoo) and web application

WORK EXPERIENCE

AI Developer Intern — *MNH Technologies* — February 2026 → Now

- Currently developing end-to-end AI pipeline for transcript processing, text classification, and image analysis using Gemini API and advanced prompt engineering techniques
- Designing robust prompt engineering strategies to maximize model performance across multimodal inputs

AI Developer Intern — *DYNAMIC HORIZON* — July 2025 → August 2025

- Integrated an intelligent chatbot into an Odoo-based TMS (Transport Management System) to handle business queries.
- Designed an NLP pipeline for embedding and similarity search without external APIs.
- Established a direct connection to the Odoo database to extract business data dynamically.

Data Analyst Intern — *DYNAMIC HORIZON* — April 2024 → June 2024

- Analyzed transportation data to optimize operations and reduce operational costs
- Developed predictive models for vehicle fuel consumption using Python and REST APIs

SKILLS

Languages: Python, SQL, JavaScript, TypeScript

AI & Machine Learning: Scikit-learn, Pandas, NumPy, Sentence Transformers, LLMs, FAISS, LangChain, RAG systems

Frameworks & Libraries: Next.js, React.js, FastAPI, Django, Flask, Tailwind CSS

Tools & Platforms: GIT & Github, REST APIs, Familiar with Docker, CI/CD, Supabase, Power BI, Postman, n8n

BEST PROJECTS

Real-Time Data Streaming Pipeline — *Airflow, Kafka, Spark, Cassandra, PostgreSQL, Docker*

- Built an end-to-end real-time data processing pipeline with Apache Airflow orchestration, Kafka/Zookeeper for streaming, Spark Structured Streaming for processing, and dual storage in Cassandra and PostgreSQL
- Fully containerized architecture with Docker Compose enabling one-command deployment and scalability

Multi-Agent System for Odoo — *Python, LangChain, NLP, RAG*

- Created a multi-agent system that analyzes Odoo projects with specialized agents collaborating to explain business logic, assess quality, and detect issues while answering questions in natural language
- Implemented agent orchestration with LangChain enabling autonomous task decomposition and execution

Medical Q&A Assistant — *Flask, React.js, Sentence Transformers, FAISS*

- Developed a question-answering application for medical PDF documents with semantic search capabilities
- Built NLP pipeline with Sentence Transformers for document embedding and FAISS for efficient similarity search
- Created intuitive React.js interface for document upload and natural language querying

EDUCATION

Faculty of science and technology Tangier

MASTER'S Degree in Artificial Intelligence and Data Science

2026

Bachelor's Degree in Data Analytics

2024