

Meryem El Osmani

AI & SOFTWARE | GRADUATION INTERNSHIP 2027

Meknès, Morocco | +212 684 836 656 | maryamelosmani@gmail.com

GitHub: MERYEMELOSMANI | LinkedIn: Meryem El Osmani

PROFESSIONAL SUMMARY

Master's student in AI and Optimal Decision Systems, with team leadership and AI/software internship experience at Arimas Holdings and freelance Python/SQL data analysis. I connect modelling, APIs and applications. Seeking a graduation internship in Morocco, February / March to July 2027.

PROFESSIONAL EXPERIENCE

Arimas Holdings | JUL.-SEP. 2026

Team Leader · AI / Software Engineering Intern

- Team leader within the development team for Tadbir AI, a business management application integrating artificial intelligence capabilities.
- Contributed to AI/software development of a team-built platform for invoicing, customers, inventory and reporting. Environment: Django REST, Next.js, TypeScript, Gemini.

EUMATRIX.eu · Upwork | OCT. 2025-JAN. 2026

Freelance Data Analyst

- Collected targeted datasets for the Danish market; cleaned, transformed and structured data using Python and SQL.

EST · Meknès | APR.-JUN. 2024

Software Development Intern

- Developed a PHP/MySQL application for automatic timetable generation, deployed across three departments.

AREP, Meknès | IT intern, July-August 2023: support, incident resolution and user guides.

SELECTED PROJECTS

ResearchOS | [GitHub](#)

- Document retrieval with Retrieval-Augmented Generation (RAG) and sourced answers; predictive model benchmarking. FastAPI, Next.js, pgvector

Analyste IA multi-agents | [GitHub](#)

- Design of a 6-agent system to analyze data, verify results, and generate charts and reports. LangGraph, DuckDB, Polars, Gemini

V2C-Sentinel | [GitHub](#)

- CAN (Controller Area Network) intrusion detection under local simulation: constrained confirmation requests and replayed 5G delays. Python, Logistic Regression, Random Forest

EDUCATION

2025-2027 | Master's in Artificial Intelligence & Optimal Decision Systems

Faculty of Sciences, Meknès · In progress

2024-2025 | Bachelor's in Intelligent Systems & Operations Research

Faculty of Sciences, Meknès

2022-2024 | University Diploma of Technology · Computer Engineering

École Supérieure de Technologie, Meknès

TECHNICAL SKILLS

Data & ML: Python, SQL, Pandas, NumPy, Scikit-learn, OpenCV, MediaPipe.

Software & MLOps: Django REST, FastAPI, Flask, Next.js, TypeScript, Git, Docker, DVC, MLflow.

Optimisation & visualization: PuLP, linear programming, Streamlit, Plotly, Tableau.

CERTIFICATES & LANGUAGES

Google Cloud Cybersecurity Certificate | Training: Python for Data Science & AI - IBM/Coursera.

Arabic: Native | French: B2 | English: C1 (EF SET: 74/100)