

ELMIRI IMAD

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Marrakech/Tanger



Summary

First-year Master's student in Artificial Intelligence & Data Science at FST Tanger, with hands-on experience in full-stack development and end-to-end ML pipelines. Proven ability to deliver under pressure – 2nd place at WeCreate Hackathon (EMSI x AIESEC, Jan 2025). Passionate about building intelligent, impactful applications. Seeking a PFA internship to apply and grow my skills in AI and software development.

Experience

Stagiaire Developpeur Full-Stack

LANAI SARL - Tanger Med | Projet de Fin d'Etudes (PFE)

Marrakech, Morocco

04/2025 - 06/2025

- Developed a full-stack incident management web application using Angular, Java Spring Boot, and MySQL
- Implemented role-based access control, incident workflows, and dynamic dashboards
- Delivered a production-ready application in collaboration with TANGERMED

2eme Place - Hackathon WeCreate

EMSI Casablanca x AIESEC Maroc

Casablanca, Morocco

18-19 Janvier 2025

- Built a FinTech web application for financial management of Moroccan SMEs within 48 hours
- Designed and developed a full-stack solution from scratch under tight competition pressure
- Handled core features : expense tracking, financial reporting, and SME budget management
- Secured 2nd place out of 10 competing teams

Projects

Artisanat Marocain – Deep Learning Classification ([Python](#) · [CNN](#) / [Transfer Learning](#) · [Flask](#) · [React.js](#))

- Automatic classification and recognition of Moroccan craft products for cultural heritage valorization
- Trained a CNN model, exposed via Flask REST API, connected to a React.js frontend

ML Analytics – End-to-End ML Web App ([Python](#) · [Flask](#) · [Scikit-learn](#) · [Pandas](#) · [React](#) · [Next.js](#) · [TypeScript](#) · [Tailwind CSS](#))

- Full ML web application: CSV/Excel upload, automated preprocessing, automatic problem-type detection (Classification / Regression / Clustering)
- Supports 10+ ML algorithms with automatic model comparison, visualizations and result export

Incident Management Web App ([Angular](#) · [Java Spring Boot](#) · [MySQL](#))

- Web application with incident tracking, user role management and dynamic dashboards
- Built during PFE internship at LANAI SARL in collaboration with TANGERMED

FinTech App – Moroccan SME Management ([React](#) · [Java Spring Boot](#))

- Financial management platform for Moroccan SMEs, built in 48h at WeCreate Hackathon (2nd place)

Enterprise Campus Network([Cisco Packet Tracer](#))

- Designed and simulated a full enterprise campus network topology

Education

Faculty of Sciences and Technologies Tangier

Master's in Artificial Intelligence and Data Science

Tangier, Morocco

2025 - Present

Faculty of Sciences and Technologies Gueliz

Bachelor's Degree in Distributed Computer Systems (SIR)

DEUST MIPC – Mathematics, Computer Science, Physics & Chemistry

Marrakech, Morocco

2024 - 2025

2021 - 2024

Lycée Elkindi

Baccalaureat – Physical Science

Fkih Ben Salah, Morocco

2020 - 2021

Skills

- **Machine Learning & Deep Learning** : Scikit-learn, TensorFlow, Keras, CNN, Transfer Learning
- **Data Analysis & Visualization**: Pandas, NumPy, Matplotlib, Seaborn, PowerBI
- **Data Engineering & Big Data Tools** : Spark, Kafka, Hadoop/HDFS, Airflow
- **Databases & Cloud/Infrastructure Tools** : MySQL, SQL Server, MongoDB, UML
- **Programming Languages** : Python, Java, C++, C
- **Web Development** : React, Next.js, Angular, FastAPI, Flask, Spring Boot
- **Internet of Things (IoT)** : Node-RED, Arduino, MQTT, Cisco Packet Tracer
- **AI & Optimization** : Genetic Algorithms, Metaheuristics, Multi-Agent Systems, Data Mining, NLP

Languages

Arabic Fluent

English Intermediate

French Intermediate