

RIHANE AYMANE

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PROFILE

Currently enrolled in the **Master's program in Artificial Intelligence and Data Science** (IASD) at the Faculty of Sciences and Techniques of Tangier (FSTT), I am seeking a **PFE** internship with the goal of deepening the knowledge and skills I have acquired during my initial training .

EDUCATION

Master of Science and Technology: Artificial Intelligence and Data Science

Faculty of Sciences and Technologies Tangier

2024 – 2026 (Ongoing)

Bachelor of Science and Technology : Application Development Engineering

Faculty of Sciences and Technologies Tangier

2021 – 2024

EXPERIENCES

Final Year Internship – AI-Enhanced Healthcare Platform

DIGIUP | PFA

July 2025 – September 2025

- smart healthcare management platform that digitizes hospital workflows and centralizes patient records
- Integrates AI (MedicalBERT) for intelligent department routing and predictive medical insights.
- Enables seamless patient–doctor–staff interaction with real-time dashboards and smart scheduling.
- Technologies : **FastApi, React.js, Transformers, BERT, LLMs, Fine-Tuning, Redis, Celery, Nginx**

Final Year Internship – Marketing Operations Management Platform

SMART AUTOMATION TECHNOLOGIES | PFE

April 2024 – June 2024

- Designed and developed a full-stack web platform to help manage and track marketing campaigns easily.
- Implemented modules for task automation, performance analytics, and team collaboration.
- Technologies : **MEAN Stack (MongoDB, Express.js, Angular, Node.js)**

TECHNICAL SKILLS

- **Machine Learning & Deep Learning** : LLM, Scikit-learn, TensorFlow, PyTorch, keras, OpenCV, Mediapipe
- **Data Analysis, Processing, and Visualization** : NumPy, Pandas, PowerBi, Talend, Seaborn, Matplotlib
- **Big Data & Databases** : Spark, Kafka, Hadoop, Celery, Redis, MySQL, PostgreSQL, SQL server, MongoDB
- **DevOps** : Docker, Git
- **Programming Languages** : Python, Java, C++, C
- **Web Development** : React, FastAPI, Django, Flask, SpringBoot, Laravel
- **Internet of Things (IoT)** : Arduino, RaspberryPi, MQTT

PROJECTS

Facial expression detection using Deep Learning

Deep Learning (CNN), TensorFlow/Keras, OpenCV, Image Preprocessing, Streamlit

Real-Time Amazon Sentiment Analysis Pipeline

Kafka, Spark MLlib, MongoDB, Docker, NLP(lemmatisation, TF-IDF, ...), Scrapping, Machine Learning, React, FastAPI

Parkinson's disease prediction using Machine Learning

Machine Learning, SMOTE, PCA (Principal Component Analysis), Numpy, Pandas

Charged System Search Adapted Using Genetic Algorithm For Solving the Travelling Salesman Problem

Charged System Search (CSS),Genetic Algorithms, CBR

CERTIFICATIONS

- **English** : Intermediate
- **French** : Intermediate
- **Arabic** : Fluent