

# 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