

Aymane Rihane

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Professional Summary

Passionate developer, AI engineer, and data analyst with expertise in building machine learning models, developing full-stack software solutions, and analyzing complex data. Strong background in artificial intelligence, data science, and real-world software deployment. Always striving to bridge business needs with technical innovation. Currently seeking a PFA internship opportunity to apply and deepen my skills.

Professional Experience

Final Year Internship – Marketing Operations Management Platform

Faculty of Science and Technology, Tangier

april 2024 – june 2024

Design and development of a platform for Marketing Operations Management of companies.

MEAN Stack (MongoDB, Express, Angular, Node)

Projects

Facial Expression Detection Using Deep Learning

Technologies: Deep Learning (CNN), Transfer learning(VGG16/19 , EfficientNetB7/b3), Mediapipe, TensorFlow/Keras, OpenCV, Image Preprocessing, Streamlit.

Real-Time Amazon Sentiment Analysis Pipeline

Technologies: Kafka, Spark MLlib, MongoDB, Docker, NLP Preprocessing (Lemmatization, TF-IDF Vectorization), Scrapping (BeautifulSoup, Selenium), Machine Learning, React, FastAPI.

Parkinson's Disease Prediction Using Machine Learning

Technologies: Machine Learning (Logistic Regression, Random Forest, LightGBM), SMOTE, PCA, NumPy, Pandas.

Fuzzy CBR Approach of Value Engineering

Technologies: Fuzzy Clustering, Value Engineering, CBR

Education

Master's in Artificial Intelligence and Data Science

Faculty of Science and Technology, Tangier

2024–2026 (Ongoing)

Bachelor's in Application Development Engineering

Faculty of Science and Technology, Tangier

2023–2024

DEUST in MIPC (Math, Computer Science, Physics, Chemistry)

Faculty of Science and Technology, Tangier

2022–2023

High School Diploma – Physics and Chemistry

Al Manar High School

2020–2021

Technical Skills

Programming Languages: Python, Java, C++, PHP

AI/ML Frameworks: TensorFlow, Scikit-learn, Keras, OpenCV, Mediapipe

Big Data Tools: Hadoop, Spark, Kafka

Web Technologies: HTML, CSS, JavaScript, Laravel, React, FastAPI, Spring

Multi-Agent Systems: JADE (Java Agent DEvelopment Framework)

Databases: SQL, T-SQL, SQLite, MySQL, MongoDB

Data Analysis: Pandas, NumPy, Matplotlib

Business Intelligence: Talend, Power BI, Tableau

Other Tools: Git, Docker

Languages

Arabic: Fluent

French: Intermediate

English: Intermediate