

Aimane FRANDILE

Data Scientist Student Looking for End of Studies Internship - from UM5 ENSIAS -

📍 Rabat, Morocco

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🎓 EDUCATION

- 2021 - 2024 **Data Science, Applied Mathematics and Finance (IDF)** / National higher school of computer science and systems analysis - ENSIAS.
- 2021 - 2019 **Preparatory Classes (CPGE) – MP -** / CPGE Mohamed V & CPGE Khansaa.
- 2018 - 2019 **Baccalaureate - SM A -** / science math option A

💼 PROFESSIONAL EXPERIENCE

- August 2023
June 2023 **Process Analyst, INTERNSHIP, at Casablanca Stock Exchange Market**
- Processing of massive stock market data.
 - Analysis of massive data.
 - Creation of dashboards summarising the state of the market (particularly liquidity) using Power BI.
 - Implementation of an alert system for incoming stock market orders, based on an artificial intelligence model.
 - Containerisation of products developed using Docker.
- Python Hadoop Pandas PowerBI PostgreSQL XGBoost Docker
- August 2022
July 2022 **Data Analyst, INTERNSHIP, at Wafa Gestion**
- Analysis of a bond portfolio
 - Collection of cash rates and Linear regression modelling on these rates for future revenue visibility
 - Carrying out stress tests and drawing up conclusions on revenues and recommendations to be made.
 - Presentation of results via Power BI for the senior manager
- Excel Python Pandas Linear Regression VBA PowerBI

📋 TECHNICAL SKILLS

- Languages** Python, Java, C/C++, C#, R, VBA.
- Artificial Intelligence** Machine Learning (DeepLearning.ai certified), Deep Learning, NLP, Reinforcement Learning, ARIMA
- Data Technologies** Spark, Hadoop, Kafka (IBM Certified), Airflow (IBM Certified), PowerBI.
- Data Analysis** Financial Data (DataCamp Certified), Image metadata, Time Series, Big Data.
- DevOps** Git, GitHub, Gitlab, Docker, Jenkins.
- Databases** Oracle (PL-SQL), MySQL, PostgreSQL
- Others** Statistical Simulations, Automated ETL, Data Warehouse, Web Scraping.

💻 PROJECTS

- **Big Data Project** : End-to-End Dashboarding and Forecasting of Weather stats (Temperature, Wind Speed and Pressure).
Apache Hadoop Python Docker PowerBI Apache Airflow
- **Invoices Financial Management App** : Images management Application taking Invoices' images as input.
Python OCR & NLP PostgreSQL Django Docker
- **Machine Learning Project and deployment** : Detecting fraudulent transactions and giving possibility to create models online.
Python Sklearn Tensorflow Streamlit

🌐 LANGUAGES

- English & French** Full professional proficiency.
- Arabic** Mother tongue.

+ EXTRACURRICULAR ACTIVITIES

- **Club President** at ENSIAS AI Club.
- **Competitive Programmer** at ENSIAS IT Club.