

Frandile Aimane

Data Science Engineering Student

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📍 Rabat/Casablanca 📅 19/04/2001

in <https://www.linkedin.com/in/aimane-frandile/>

🌐 <https://github.com/Frandiile>

Profile

I am Aimane Frandile, a third year engineering student looking for an End of Studies Internship in Data Science or Data Analysis.

Education

Digital Finance Engineering, ENSIAS

09/2021 – 07/2024 | Rabat, Morocco

The "Digital Finance Engineering" (IDF) program is designed to train professionals capable of meeting the needs of entities looking for managers with a mastery of applied mathematics, finance and IT.

CPGE MPSI & MP, CPGE Khansaa & CPGE Mohamed V

09/2019 – 07/2021 | Casablanca, Maroc

Baccalauréat Mathematical Sciences A French Option (Mention Very Good), Abou Chouaib Doukkali High School

09/2016 – 07/2019 | El Jadida, Morocco

Professional Experience

Financial Data Analyst, Bourse de Casablanca 📄

06/2023 – 08/2023 | Casablanca, Morocco

-Large data processing
-Creating a dashboard using PowerBI
-Creation of a web application synthesizing an interactive dashboard.

Tools used: **Python,PowerBI,Streamlit,Pandas,Excel,Spark.**

Portfolio Manager Intern, Wafa Gestion 📄

07/2022 – 08/2022 | Casablanca

-Valuation and optimization of a bond portfolio.
-Exposing data with PowerBI.

Tools used: **Python,Excel,Pandas,Scipy,PowerBI.**

Extracurricular

ENSIAS AI CLUB's Chairman (2022-2023)

Certifications

- Professional Tensorflow Developer by DeepLearning.ai 📄
- Machine Learning Specialization by Stanford University 📄

Projects

Trading Bot, Reinforcement Learning

By using stochastic processes and continuous Markov chains, we created an agent (Deep Reinforcement Learning) that continuously optimizes a portfolio containing 13 different securities.

Tools used : **Python,Seaborn,Pandas...**

Invoice Image to Data Set Transformation Project for a Financial Management Application, Ocr & NLP

The development of an advanced invoice image processing solution using Natural Language Processing (NLP) and Optical Character Recognition (OCR) technologies.

Tools used:

OpenCV,pytesseract,NTLK,Django,PostgreSQL,Scikit-learn...

Loan Risk Prediction, Machine Learning 📄

Classification of credits from different data using different algorithms and approaches and detailed data processing to ensure the best results.

Tools used: **Python,Sci-kit learn,Pandas...**

Skills

Programming Languages

Python,Java,C,C++

Machine Learning & Deep Learning & Reinforcement Learning

Scikit-learn, TensorFlow, Keras...

Data Technologies

Spark,Hadoop,Hive,Scala,Airflow,Kafka,Snowflake,Automated ETL,Data Warehouse

Cloud Technologies

Docker,Jenkins,Kubernetes.

Data Visualization

Pandas,Power BI,Matplotlib,Seaborn,plotly.express

Databases

SQL,MySQL,PostgreSQL

Languages

Arabic

French

English