Moulay Mohamed

Finance and decision making engineering student

- Agadir, Morocco
- moulaymohamed856@gmail.com
- +212618316578
- LinkedIn

PROFILE

Engineering student in Finance and Decision Making with experience in front-end development and data science,. Passionate about applying analytics, machine learning, and software development to solve real-world problems.

LANGUAGES

Arab, English, French

ACHIEVEMENTS

Speaker at BlaBlaConf tech conference. ⧉

CERTIFICATS

- Python certfication ⧉
- React certification ⧉
- Maching learning certificate ⧉

EDUCATION

Engineer's degree
National School Of Applied Sciences
09/2020 – Present | Agadir, Morocco

💼 EXPERIENCE

Paynow
Data science intern
02/2025 – 06/2025
- Developed a payment fraud detection model to identify fraudulent transactions in financial datasets.
- Applied and compared XGBoost, Random Forest, and Logistic Regression classifiers for fraud prediction.
- Conducted feature engineering and preprocessing on transactional data (amount, balances, transaction types, etc.).

Evold
Front end developer
11/2023 – 11/2024
- I Collaborated remotely with a team to develop and enhance a ticketing platform.
- I Implemented a feature that allows event hosts to edit the confirmation email (HTML or plain text) sent to customers upon ticket purchase.
- I Conducted code reviews to ensure code quality, maintainability, and adherence to best practices.

🗂 PROJECTS

Payment fraud detection
Payment Fraud Detection is a full-stack app where users can input transaction data and get fraud risk predictions in real time using XGBoost, Random Forest, and Logistic Regression. It combines data preprocessing, model training, and a user-friendly web interface.
See code here: **Github** ⧉
TECH: Python, ReactJS, FastAPI , Matplotlib, Jupyter

Options pricing
Options Pricing is a finance project where users can simulate and price financial options using Monte Carlo simulation, Black-Scholes formula, and the Euler–Maruyama method. The project allows users to input parameters, run simulations, and visualize option price evolution over time.
See code here: **Github** ⧉
TECH: Python, React,FastAPI

SpendTracker ⧉
Spend Tracker is a finance app where users can manage their expenses , view their data in a userfriendly dashboard, chat with other users in group chats ,create blog posts and see blog posts of othe users
see code here **Github** ⧉
see demo here **live** ⧉
TECH :
Reactjs,MongoDB,Express,Nodejs,Tailwindcss,Redux-toolkit .