

Moulay Mohamed

Finance and Decision
Making Engineering
Student



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📍 Agadir , Morocco

🔗 Portfolio

🌐 LinkedIn

📄 PROFILE

Finance and Decision Engineering student with experience in front-end development and data science. Passionate about machine learning and web development.

🌐 LANGUAGES

Arabic

English

French

📜 CERTIFICATES

- Python Certification [🔗](#)
- React certification [🔗](#)
- Machine Learning Certification [🔗](#)

📁 PROFESSIONAL EXPERIENCE

Data Science Intern

Paynow

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.
- Performed feature engineering and preprocessing on transactional data.

Front-End Developer

Evold

11/2023 – 11/2024

- Collaborated remotely with a team to develop and improve a ticketing platform.
- Implemented a feature allowing event organizers to edit the confirmation email (HTML or plain text) sent to customers upon ticket purchase.
- Conducted code reviews to ensure quality, maintainability, and adherence to best practices.

📁 PROJECTS

Payment Fraud Detection

Full-stack application allowing users to input transaction data and receive real-time fraud risk predictions using XGBoost, Random Forest, and Logistic Regression.

Code: [Github](#) [🔗](#)

Options Pricing

Finance project where users can simulate and evaluate the price of financial options using Monte Carlo simulation, Black-Scholes formula, and Euler–Maruyama method. Allows input of parameters, running simulations, and visualizing option price evolution over time.

Code: [Github](#) [🔗](#)

SpendTracker

Financial application enabling users to manage expenses, visualize data via an intuitive dashboard, chat with other users in discussion groups, and create and browse blog posts.

Demo: [Live](#) [🔗](#)

Code: [Github](#) [🔗](#)



EDUCATION

Engineering Degree

National School of Applied Sciences

09/2020 – Present | Agadir, Morocco