MOURAD LABRAHMI

Software Engineer

@ mouradlabrahmi96@gmail.com   📞 +212 708109368   📍 Kenitra, Morocco
in https://www.linkedin.com/in/mouradlabrahmi/   ○ https://github.com/MouradLabrahmi

EXPERIENCES

💼 Backend Engineer

Pawp (remote via Obytes)

📅 Avril 2022 – Present   📍 NY, USA (remote)

- Develop new features using graphene django, docker and Pytest
- Fix bugs
- Maintain and test existing functionalities
- Refactor existing code
- Daily maintenance of code, debugging issues and solving clients' problems

💼 PhD-Project reseach

MAScIR

📅 December 2020 – Avril 2022   📍 Rabat

- Extract energy and weather data from APIs and sensors using Python scripts and Amazon Lambda function
- Build a hybrid model that increases the accuracy to more than 93% using Keras, Sciket-learn
- develop a REST API using Django Rest Framework that package and deploy the developed model
- develop an energy management web application that monitor and control the energy consumption process using Django, Chart Js and Vue Js.
- Develop an AWS cloud data infrastructure using S3, Lambda, DynamoDB, SageMaker and Quicksight

💼 Graduation internship

Mentor Graphics

📅 February 2020 – June 2020   📍 Rabat

- Launch IC design test cases and analyze results.
- Write Python, Tcl and bash scripts for testing timing engine of Nitro-SoC a Place and Route automation tool for integrated circuits design.
- Build a test automation web application, using Flask Python web framework for back-end and HTML/CSS and JavaScript for the front-end.

💼 Software developer intern

ENOVA R&T

📅 July 2019 – Sep 2019   📍 Rabat

- Develop a real-time application to get underwater drones data using django for the backend and react js in the frontend

💼 Web developer intern

CEIT

📅 Aug 2018 – Jul 2018   📍 Casablanca

- Create a website for introducing tourist areas in Morocco, using WordPress, HTML/CSS, and JavaScript.

EDUCATION

🎓 Engineering diploma in information technologies

INPT

📅 Sept 2017 – Jul 2020   📍 Rabat

CERTIFICATES

🏆 **Perform Cloud Data Science with Azure Machine Learning (Microsoft)**

🏆 **Artificial Intelligence Analyst (IBM)**

🏆 **Scrum master**

SKILLS

Python   Django   Django Rest Framework
FastAPI   Flask   REST API   React Js   Docker
Pytest   Graphql   Git   AWS
Agile method   Problem solving
Time management

PROJECTS

- **Ecommerce REST API :** Built a RESTFull API for an ecommerce app that handle users authentication, making orders and cart functionalities and implementing unit testing.
  Python   Django   Django Rest Framework   JWT
  Unit testing
- **MeetIn :** A video streaming chat application.
  Python   Django   HTML/CSS   JavaScript   SQLite
- **Recommendation system API:** Development of a movie recommendation system based on movies seen by current visitors and other visitors.
  Python   Pandas   Matplotlib   Seaborn   KNN
  Collaborative filtering   Sklearn   Flask
- **E-commerce application :** Built an e-commerce web application for selling digital and physical products.
  Python   Django   JavaScript   HTML   CSS
  For more projects :
  https://github.com/MouradLabrahmi/

LANGUAGES

English	Good mastering
French	Good mastering
Arabic	Native