



Oussama ALAMI

Artificial Intelligence Engineering Student

 20 september 2000
 alami-oussama

 Rabat, Morocco
 alami-oussama

 oussama.alami.ai@gmail.com

 +212 658 569 397

 www.alamioussama.tech

EXPERIENCE

Machine Learning/Deep Learning Freelancer

Freelancer

 Part time


 Rabat, Morocco

I have worked on over 50 projects with different clients in the following areas :

- Machine learning and deep learning : NLP, Computer Vision, Time Series...
- Deployment of ML models (MLOPs)
- Automation/Web scraping

Artificial Intelligence Engineer Intern

Moroccan Parliament - house of representatives

 01 july 2022 – 31 august 2022

 Rabat, Morocco

- Developing an assistant **Chatbot** based on Deep Learning to answer questions related to the House of Representatives.
- **Tools** : Python, RASA, Flask

PROJECTS

AI-powered learning and question generation platform

- Creation of a machine learning API for the platform (**Bevinzey.com**), it will allow users to :
- Quickly summarize the content to identify key points
- Generate study questions based on the content
- **Tools** : OpenAI, GPT-3, FastAPI, AWS

Handwritten signature verification

- Creation of an object detection system based on **YOLO** algorithm
- The system receives a signed letter and a form with several signatures and it will recognize and highlight the signatures and compare them to see if they match
- **Tools** : Pytorch, FastAPI, Streamlit, Microsoft Azure

Brain tumor segmentation

- Develop a model to automatically detect and segment brain tumors from MRI images
- This model will allow doctors to diagnose and treat brain tumors more accurately and quickly

Face recognition attendance application

- Using computer vision to automatically track employee attendance
- The desktop application will identify employees as they enter and leave the office to track work hours
- **Tools** : Python, OpenCV, Face Recognition, PyQt5

EDUCATION

Artificial Intelligence Engineering

Ecole Nationale Supérieure d'Informatique et d'Analyse des Systèmes (ENSIAS)

 2020 – Today

 RABAT

CPGE | MP (Mathématiques et Physique)

CPGE Ibn Tahir

 2018 – 2020

 ERRACHIDIA

Baccalaureate | Science math

Lycée Princesse LALLA SALMA

 June 2018

 RISSANI

SKILLS

- Techniques :

Computer Vision, NLP, Time Series Forecasting, Object detection, Deep Reinforcement Learning, Data Scraping/Automation

- Programming Languages :

Python, R, Javascript

- Machine Learning and Deep Learning : Scikit-learn, Tensorflow, Pytorch, NLTK

- Data Analysis and Visualization : Pandas, Matplotlib, Seaborn

- Databases :

MySQL, MongoDB, Firebase

- MLOps and Hosting :

Docker, Microsoft Azure, Amazon Web Services (AWS), Heroku, Replit

- API development :

Flask, FastAPI, Django

- Automation and Web scraping :

Selenium, Requests, Beautiful Soup, Scrapy

LANGUAGES

Arabic

Native Language

English

Fluent

French

Fluent