

oussama ALAMI

Artificial Intelligence Engineering Student

🏠 20 Dec 2000
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EXPERIENCE

Machine Learning/Deep Learning Freelancer

Freelancer

📅 Part time

📍 Rabat, Morocco

- Implementing YOLOv5 (You only look once) algorithm to perform **object detection on mobile devices**.
- Predict the results of football matches based on historical data.
- **Tools** : Python, Pytorch, Scikit-learn, Pandas

Artificial Intelligence Engineer Intern (Internal Internship)

ENSIAS

📅 June 2021 – September 2021

📍 Rabat, Morocco

- Diagnose diabetes using the National Institute of Diabetes and Stroke multi-class dataset.
- **Tools** : Python, Pandas, Scikit-learn

PROJECTS

AI-powered learning and question generation platform

- Machine learning API for an ai-powered platform (Bevincey) where users can quickly summarize content to get key points and generate content-based study questions to assess readiness and reinforce learning.
- **Tools** : OpenAI API, GPT-3, FastAPI

Handwritten signature verification

- The project involve creating an API that receives two scanned documents: a signed letter and a form with several signatures, and compare the signatures to see if they match. The API will then return the documents with the matching signatures highlighted, along with the accuracy percentage of the match.
- **Tools** : Pytorch, FastAPI, Streamlit, Microsoft Azure

Face recognition attendance application

- A desktop application that uses computer vision to automatically track employee attendance. It can be used to identify employees as they enter and exit the office, and to track working hours.
- **Tools** : Python, OpenCV, Face Recognition, PyQt5

AI makes art

- This project is all about using GANs (generative adversarial networks) to create works of art. The AI will be trained on a dataset of images, and will then generate new images based on what it has learned. It will be interesting to see what kind of art the AI comes up with!
- **Tools** : Python, Pytorch

EDUCATION

Artificial Intelligence Engineering

Ecole Nationale Supérieure d'Informatique et d'Analyse des Systèmes (ENSIAS) | Université Mohammed V

📅 2020 – Today

📍 RABAT

CPGE | MP (Mathématiques et Physique)

CPGE Ibn Tahir

📅 2018 – 2020

📍 ERRACHIDIA

Baccalaureate | Science math

Lycée Princesse LALLA SALMA

📅 Juin 2018

📍 RISSANI

SKILLS

- **technics** :

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

- **Programming Languages** :

Python, R, Julia, Javascript

- **Machine Learning** :

Scikit-learn, XGBoost, Pandas

- **Deep Learning** :

Tensorflow, Keras, Pytorch, NLTK

- **Data Analysis Tools** :

Pandas, Matplotlib, Seaborn, Shiny

- **Databases** :

MySQL, MongoDB

LANGUAGES

Arabic

Native Language

English

Fluent

French

Fluent