LIAICHI Mustapha

Data Science — AI/ML

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EDUCATION

School Of Information Science - ESI   **2022 − 2025**
Engineer's degree - Data Science   *Rabat, Morocco*

CPGE Ibn Taher   **2020 − 2022**
Preparatory Classes's degree - Mathematics and Physics   *Errachidia, Morocco*

COURSEWORK / SKILLS

- Algorithms
- Statistics
- Optimization
- Machine learning
- Computer vision
- NLP
- Automated testing
- Backend & APIs

PROJECTS

OpenAI Text Completion UI Application ⬈

- Simple UI utilizing OpenAI's text completion API for generating responses based on user input.
- Includes instructions for cloning the repository, installing requirements, and setting up the OpenAI API key.

DocuMinds - File Embedding App ⬈

- Streamlit-based web application for processing and analyzing text documents.
- Features document upload, embeddings storage in AWS S3, and response generation based on user prompts.

School Text Analysis using Word Cloud ⬈

- Analyzes text from various schools using word cloud visualization.
- Involves data collection, processing, keyword extraction, and visualizing frequent terms.

WQU Engagement Predictor ⬈

- Developed a fully functional Dash application as a UI for a time series model predicting student engagement at WorldQuant University.
- Includes functionality for real-time data prediction and testing, with visual analytics features to monitor trends and patterns in student engagement.

EXPERIENCES

Freelancing   **07 2023 -Present**

- I've worked on over 20 freelance projects related to Machine learning, computer vision, data science, automation, and more with multiple clients.
- Developing embedding solutions using the ChatGPT API, focusing on improving the precision of index-related issues.
- Deploy Machine learning models as asynchronous APIs using fastAPI framework or flask.
- Big Data collection by creating scrappers/crawlers bots.

CERTIFICATIONS

Applied Data Science Lab   **WorldQuant University, May 2024**

- Completed an intensive program focused on advanced analytics and practical applications in data science. This course significantly enhanced my analytical skills and prepared me to confidently tackle complex data challenges.

Project Management   **One Month, Feb 2022 - Jun 2022**

- Gained fundamental insights into project management, learning how to effectively manage tasks and resources within a project setting.

TECHNICAL SKILLS

Languages: Python, JavaScript, C, C++, Java
AI Technologies/Frameworks: Tensorflow, Pytorch, Sklearn, Opencv, selenium and puppteer
Other Tools & Technologies: Git, GitHub, PostgreSQL, FastAPI, Flask, SQLite, SQL, Docker, Azure