



ABDELGHAFOR ELGHARBAOUI

DATA ENGINEERING STUDENT

Email: abdelghaforelgharbaoui@gmail.com
Phone: 0607514544
GitHub: Abdelghafor-az
Adress: Essaouira, Morcco

SUMMARY

Data engineering student eager to leverage cutting-edge technologies to tackle serious real-world challenges. Enthusiastic about applying data engineering and AI expertise to drive innovative solutions. Seeking an enriching internship, I aim to contribute to the development of next-generation apps, powered by the transformative potential of Generative AI.

EDUCATION

Data Engineering

Sep 2020 - Jun 2025

National School of Applied Sciences AI Hoceima | ENSAH

SKILLS

- **Programming Languages :** Python - R - Java - C - PL/SQL - Shell
- **Databases (SQL/NoSQL) :** Postgres - Oracle - MySQL - Mongo - Cassandra - ClickHouse
- **ML & DL :** NLP - CNN - LLMs - Prompt Engineering
TensorFlow (Keras) - Hugging Face - scikit learn
- **Big Data :** Hadoop - Spark - Kafka - Lambda Architecture
- **ETL / ELT / Warehousing :** Airflow - SQL Server - Web Scraping - APIs - Power BI
- **Web Development :** Spring (Web - Security - JPA) - Flask - Bootsrap
- **DevOps :** Azure Services - Linux - Git - Docker

CERTIFICATIONS

- **Machine Learning Specialization**
 - Supervised/Unsupervised Learning - Recommendation Systems - Reinforcement Learning
- **ETL and Data Pipelines with Shell, Airflow and Kafka** (in progress)

PROJECTS

Political Opinions Analysis on Palestinian-Israeli Conflict

- Gauged international opinions on the conflict through analysis of YouTube comments.
- Involved web scraping, manual labeling, text preprocessing, and fine-tuning BERT.
- Technology Stack: Bert (Hugging Face) - Azure Translator - scikit-learn

Real Time People Monitor

- Real-time foot traffic monitoring in different zones, providing dynamic insights.
- Utilized lambda architecture and computer vision frameworks to process streaming data.
- Technology Stack: Docker - HDFS - Kafka - Spark - Cassandra - ClickHouse - PowerBI - Yolo

Patent Analysis

- Empowering users to explore and analyze patents in the field of Education and AI.
- Leveraging web scraping, APIs, and data warehousing for comprehensive patent insights.
- Technology Stack: Flask - Spark - Postgres (Data Warehouse) - Mongo Atlas - PowerBI - chart.js

ADDITIONAL INFORMATION

- **Languages:** Arabic, English, French.