Aymane MAGHOUTI
DATA ENGINEERING STUDENT

🏠 Aknoul, Taza, Morocco

📅 Date of birth 05/07/2002

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🖥 Open to remote work

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🔗 https://aymane-maghouti.github.io/

PORTFOLIO

in @aymane-maghouti

⭘ @aymane-maghouti

LANGUAGES

Arabic
Native

French
intermediate

English
intermediate

TECHNICAL SKILLS

Programming languages
Python - Flask - Java - JEE(Spring) - Javafx - HTML/CSS - Java script - ReactJS - SQL - PL/SQL - Shell (Basic concept)

Databases
MYSQL - Oracle - PostgreSQL - SQL server DB - Mongo DB - Cassandra DB - ClickHouse

Big data tech and BI tools
Hadoop - Hive - Spark(PySpark) - Kafka - Power BI

Operating systems
Linux (Ubuntu)
Windows

INTERESTED

Learn new technologies

Sport (football , basketball ...)

video games

I am currently enrolled in an academic course at the National School of Applied Sciences of Al Hoceima, where I enthusiastically dedicate myself to the fields of computer science and data engineering. My educational background enables me to delve deeply into the intriguing concepts, challenges, and opportunities associated with these dynamic fields. I am actively seeking an end-of-year internship in the fields of Data Science/Engineering and Software Engineering.

EDUCATION

Data Engineering
Since September 2022 National School of Applied Sciences of Al Hoceima Al Hoceima

Preparatory cycle
From September 2020 to June 2022
National School of Applied Sciences of Al Hoceima Al Hoceima

baccalaureate of Science in Physics and Chemistry
From September 2018 to June 2019 high school 2 octobre 1955 Aknoul

LATEST PROJECTS

Sentiment analysis for Jumia reviews & Smartphones price prediction system
- **Python (Scikit Learn, pandas ...)** : for data preprocessing and training models.
- **FLask - HTML/CSS -JS** : for the development of web applications.
- **Mysql** : for data manipulation.

The development of a Java web application for Contacts management
- **Java- JEE(Spring)** : for the development of the backend of the app.
- **ReactJS** : for the development of the frontend of the app.
- **MYSQL** : as a database management system (DBMS).

Human Resources data pipeline
- **Azure data Factory**: for building data pipeline
- **Azure Blob Storage**: the data storage solution.
- **Azure Databricks (PySpark)** : for data transformation.
- **Power BI** : for data visualization.

Real-time data pipeline with kafka
- **Python** : the *psutil* library for collecting the data
- **Apache Kafka** : for data streaming.
- **SQL server Database** : the data destination.
- **Power BI**: for creating the dashboard.

The development of a Desktop Java application for Contacts management
- **Java** : for the backend of the application.
- **Javafx** : for the frontend of the application.
- **MySQL** : as a database management system (DBMS).

Mobile Data Analysis
- **MySQL** : the data source.
- **Apache Sqoop**: transferring the data between MySQL and Hive .
- **Apache Hive** : the datawarehouse solution.
- **Power BI**: for creating the dashboard.

Sales data pipeline
- **Python**: for data extraction and transformation.
- **Apache Airflow**: to orchestrate the ETL pipeline.
- **Docker**: to run the Apache Airflow instance in a container.
- **Google Cloud Platform (GCP)**: for BigQuery data warehousing.
- **Looker Studio**: for creating the dashboard.