Aymane MAGHOUTI

DATA ENGINEERING STUDENT

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Aknoul, Taza, Morocco

Date of birth 05/07/2002

Open to remote work

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PORTFOLIO

@aymane-maghouti

@aymane-maghouti

LANGUAGES

Arabic
Native

French
intermediate

English
intermediate

TECHNICAL SKILLS

Programming languages
Java
Python
HTML/CSS , JS (Web programming)
SQL - PL/SQL
shell (Basic notion)

Database
MYSQL
Oracle (sql developer)
Microsoft SQL Server

Operating systems
Linux (Ubuntu)
Windows

INTERESTED

Sport (football , basketball ...)

video games

I am currently pursuing my studies in data engineering at the national school of applied sciences al Hoceima and I am actively looking for an end-of-year internship opportunity in the field of computer science / data 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

ACADEMIC/PERSONNAL PROJECT

Jumia data pipeline

- **BeautifulSoup** for extracting data from the Jumia website
- **Pnadas** for storing it in an Excel file
- **SQLAlchemy for** transferring the data to a **PostgreSQL** database

Real time Computer Performance Dashboard

- **Python** for Real-time Data Capture
- **MySQL** and **SQL Server** for Data Storage
- **Power BI** for Data Visualization

Contact and Group Management Desktop Application

- **Java** desktop application for contact and group management
- **MySQL** as a database management system (DBMS)
- **JavaFX** framework to create a graphical interface

Loan Credit Classification using Logistic Regression

- **Python** and **sklearn** for building the model
- **Flask** micro-framework for model deployment

Design and creation of a desktop application for student management

- **Python** and the **Tkinter** library.
- **MySQL** as a database management system (DBMS).
- Development of a user interface for student management.

Implementation of logistic regression algorithm for data classification

- using **Python,** *numpy* and *pandas* for the implementation of the logistic regression algorithm.
- Analysis and classification of data using the logistic regression algorithm.