



Aymane MAGHOUTI

DATA ENGINEERING STUDENT

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🏠 Aknoul, Taza

📅 Date of birth 05/07/2002

💻 Remote work only

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PORTFOLIO

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LANGUAGES

Arabic
Native

French
intermediate

English
intermediate

TECHNICAL SKILLS

Programming languages

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

Database

MYSQL
Oracle (sql developer)

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 PROJECT

Design and creation of a desktop application for student management

- using **Python** and the *Tkinter* library.
- using **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.

Realization of a Java application for the management of notes in a school environment

- Realization of a **Java** console application for grades management in a school environment.
- **MySQL** as a database management system (DBMS).

Automation of software startup when opening the computer

- Automate the process of starting a specific software as soon as the computer is turned on using a **shell** script.

Development of a micro- file system for the management of heterogeneous data

- Using **Python** and **Ubuntu Linux** distribution as operating system.
- Implementation of techniques (inspired from HDFS (Hadoop Distributed File System)) allowing efficient management of heterogeneous data.