# 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

in @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**

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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

**Machine Learning From Scratch**
- This project implements various machine learning algorithms from scratch using **Python** and **NumPy**, without relying on external libraries such as TensorFlow, Keras, or scikit-learn. The implemented algorithms include classification, regression, clustering, and basic neural network models.

**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.