



# 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

#### 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.