Mohamed Rouane

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🔗 MohamedRouane

Profile

Engineering student at ENSA Oujda, I am looking for a summer internship starting in July 2025 in the fields of **Data Visualization**, **Data Analytics**, **Data Science**, and **Machine Learning**.

Education

National School of Applied Science - ENSA Oujda, Data Science and Cloud Computing — Sept 2024 – Present

- **Coursework:** Web Development, Data Structure, Optimization Algorithms, Java, Python, Machine Learning, Database(MySQL).

National School of Applied Science - ENSA Oujda, Integrated Preparatory Classes — Sept 2022 – 2024

- **Coursework:** Mathematics, Physics, Algorithmic, C language, Matlab.

Experience

TaTa - Job Simulation, Data Visualization — July 2025 – Present

- Gain insights into leveraging data visualisations as a tool for making informed business decisions.

Projects

Resume Analyzer — Apr 2025 - June 2025

- Developing a resume analyzer to compare the resume with the job description.
- Tools used: Flask, Natural Language Processing, LLM, SQLite.

RAG System for the Moroccan constitution — Apr 2025 - May 2025

- Developed a RAG system to answer questions about the Moroccan Constitution.
- Tools used: Python, Natural Language Processing, SQLite, and LLM (Llama).

Attendance System with face recognition — Mar 2025 - Apr 2025

- The program is designed to upgrade the traditional old way of marking attendance in the classroom or any other place, to a modern way using face detection.
- Tools used: Python, OpenCV, CustomTkinter, Face detection, Faiss.

Simplex Method Application — Sep 2024

- Python application for solving optimization problems using the simplex method.
- Tools used: Python, PyQt5.

Mouse and Keyboard Automation — July 2024 - Aug 2024

- Windows software that records user inputs to automate repetitive tasks.
- Tools used: Python, Tkinter, SQLite.

Speed Typing App — Aug 2024

- Desktop application to help users measure and improve their typing speed.
- Tools used: Python, CustomTkinter, SQLite.

Skills

Programming Languages: C, Python, Java, SQL, HTML, CSS, PHP, Javascript.

Technologies: Natural Language Processing (spacy), MySQL, LLM.

Languages: **Arabic** (Native)   **French** (Intermediate)   **English** (Advanced)