

NOUIH OMAR

AI & DATA SCIENCE STUDENT



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BEN CHAIB, BERRECHID

<https://omarnouih.github.io/Portfolio>

ABOUT ME

Data scientist specialized in AI, currently completing a Master's degree. Experience in machine learning and NLP, motivated by innovative projects in data analysis.

SKILLS

- Python, Java
- Flask, Django, JEE, REST
- Machine Learning & Deep Learning
- Power BI, Microsoft Office
- SQL & NoSQL Databases
- Apache Kafka, Apache Spark
- Git, GitHub
- Natural Language Processing (NLP)

CERTIFICATIONS

APRIL 2024 | IBM & COURSERA
IBM MACHINE LEARNING

AUGUST 2024 | IBM SKILLSBUILD
Artificial Intelligence Fundamentals

EDUCATION

- MASTER'S IN AI & DATA SCIENCE 2023 - 2025
FACULTY OF SCIENCES AND TECHNIQUES, TANGIER
- BACHELOR'S IN COMPUTER SCIENCE 2019 - 2023
FACULTY OF SCIENCES AND TECHNIQUES, BENI MELLAL
- BACCALAUREATE IN PHYSICAL SCIENCES 2018 - 2019
LYCÉE OULED HRIZ, BERRECHID

INTERNSHIPS

- Final Year Project Internship** July 2024 - Septembre 2024
3D Smart Factory, Mohammedia
 - Developed **RucRut**, a recruitment solution using large language models (**LLM**) via **Hugging Face**.
 - Automated CV analysis and interview question generation with **LLM** and **Flask**.
 - Created an interactive dashboard for recruiters, simplifying candidate evaluation.
- End of Year Project Internship** April 2023 - June 2023
Royal Air Maroc Headquarters, Casablanca
 - Development of an HR chatbot using **Rasa** and **SpaCy**, integrated with WhatsApp through **Twilio**.
 - Automation of common HR requests, implemented via a **Flask API** for internal systems.
 - Design of an admin dashboard for employee management and chatbot interaction tracking.

PRACTICAL EXPERIENCE

- Development of a plant disease identification application for farmers - **Python, TensorFlow, CNN, OpenCV, Flask**
- Development of a customized French-language chatbot for FST Tangier - **Python, Fast API, RAG, LangChain, ChromaDB**
- Development of a graphical interface for executing machine learning algorithms - **Tkinter, Scikit-learn, TensorFlow**
- Creation of a dashboard featuring advanced data visualization and AI-powered analysis - **Power BI**
- Website development for FST - **JEE, HTML, CSS, JS**
- Real-time sentiment prediction of data streams from Twitter, analyzing user sentiment in real-time from live social media feeds - **Apache Kafka, Apache Spark, Pyspark, Flask, MongoDB**

LANGUAGES

ARABE 
FRENCH 
ENGLISH 

HOBBIES

- ESPORTS AND COMPETITION
- COOKING AND GASTRONOMY
- HIKING AND NATURE