

OUAZZE MOHAMED

JUNIOR DATA SCIENTIST AND BIG DATA

+212674647667

ouazzemohamed194@gmail.com

Kénitra, Maroc

@mohamed-ouazze



PROFILE

As a Master's (M2) student specializing in Big Data and Cloud Computing at Ibn Tofail University, I am currently seeking a 4- to 6-month end-of-study internship (PFE). My goal is to leverage my skills in data science, artificial intelligence, and Big Data and Cloud administration within an innovative and dynamic company.

EDUCATION

Ibn Tofail University 2023 - Present

- Master's in Big Data and Cloud Computing

Mohamed VI High School, Alnif 2018 - 2019

- Baccalaureate in Life and Earth Sciences

Multidisciplinary Faculty - Ouarzazate 2019 - 2023

- Bachelor's Degree in Sciences, Mathematics, and Computer Science

EXPERIENCE

ACADEMIC PROJECTS

AI-Driven Medical Chatbot Ibn Tofail University

2023 - 2024

- Description: Developed a medical chatbot using generative AI with Llama2 as the model and Chainlit for the interface. The chatbot generates textual responses and provides links using a vector database.
- Technologies Used: Llama2, Chainlit, Langchain, Vector Database...

Real-Time Detection of Moroccan Sign Language on a Mobile Platform Using Keras Based on TensorFlow (Bachelor's Final Project)

2022 - 2023

- Description: Created a database using a camera to capture videos, extracted frames, and developed a CNN model to detect Moroccan Sign Language.
- Technologies Used: Python, Deep Learning, Jupyter Notebook, Google Colab, UX Design.

PERSONAL PROJECTS

Traffic Sign Detection Using a German Dataset

- Description: Developed an AI model to detect 43 classes of traffic signs using the German dataset from Kaggle.
- Technologies Used: Deep Learning, Python, Jupyter Lab, Google Colab.

Real-Time Face Detection

2024

- Description: Developed a real-time face detection model using a camera as the data source.
- Technologies utilisées : Python, Deep Learning, Jupyter Lab, Caméra.

SKILLS

PROGRAMMING LANGUAGES

- Python, R, Java, SQL, HTML5, CSS

DATA ANALYSIS AND VISUALIZATION TOOLS

- Jupyter (Lab, Notebook), Power BI
- Spyder, Excel, UML

DATA SCIENCE AND MACHINE LEARNING

- Data Mining
- Deep Learning
- Machine Learning
- Data Collection and Analysis
- Algorithm Development

BIG DATA TECHNOLOGIES

- Hadoop
- NoSQL
- Oracle Database

SOFTWARE DEVELOPMENT

- Git, GitHub, Jira, GitLab
- Vs Code

CERTIFICATIONS

- PYTHON FOR DATA SCIENCE, AI & DEVELOPMENT ISSUED BY IBM
- DATA ANALYSIS WITH PYTHON (IBM)
- Power BI (365 Datascience)
- Generative AI Learning Plan for Developers (AWS)

LANGUAGES

- Arabic: Native
- English: Intermediate
- French: Intermediate