Sifeddine DOUIDY

Data Science, Big Data, and AI Engineering Student

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Profile

A passionate Data Science, Big Data, and AI Engineering student eager to leverage cutting-edge technologies to solve complex challenges. Committed to driving innovation and delivering impactful results within dynamic teams.

Education

National School of Applied Sciences El Jadida (ENSAJ)

Engineering Degree in Big Data and AI *Sep 2023 – Present*

Faculty of Sciences and Techniques Mohammedia (FSTM)

Bachelor of Science and Technology, Computer Networks and Multimedia *2021 – 2023*

Abdelkrim El Khattabi High School

Baccalaureate, Physics Option - Arabic Option *2019 – 2020*

Professional Experience

Assab Vision **Internship** Jun 2024 – Jul 2024

- Aided in the implementation of key modules in an enterprise resource planning (ERP) system,
- Contributed to the initial development of a microservices-based backend architecture by implementing foundational services and establishing core database schemas, laying the groundwork for a distributed system design

Vivo Energy Maroc, **Graduation Project Internship** Apr 2023 – Jun 2023

- Developed and deployed an automated analytics workflow in Power BI (and other tools) that processed key performance indicators (KPIs), resulting in faster decision-making processes and improved operational visibility for management

Key Projects

- **Irrigation Management AI:** Developed an AI-powered system to optimize water efficiency using real-time soil and weather data during the Morocco IA Hackathon
- **AgriAlert:** Developed a full-stack, cross-platform application that protects farmers from adverse weather events through personalized alerts and monitoring based on farm-specific agricultural data

Certifications

- **AWS Academy Cloud Foundations** *Issued: 15/04/2025*
- **AWS Academy Cloud Developing** *Issued: 08/05/2025*

Technical Skills

Programming Languages

- Java
- Python

Web/Mobile Development

- NextJs, Kotlin/Java
- SpringBoot, RESTful APIs

Data & DevOps

- SQL/NoSQL
- Docker
- Git/GitHub

Languages

- Arabic — Native • French — Fluent • English — Fluent

Key Strengths

• Rigor • Team Spirit • Dynamism • Enthusiasm