YOUNESS KELLAL

Master's Student in Data Analytics and Artificial Intelligence

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PROFILE

Master's student in AI and Data Analytics with hands-on experience in full-stack development and IT support. Proficient in Machine Learning, Deep Learning, Computer Vision, and Big Data. Experience at AttijariWafa Bank and Centrale Danone. Expertise in Docker, REST APIs, Spring Boot, and Oracle. Trilingual (French, English, Arabic).

EDUCATION

Master of Excellence in Data Analytics and Artificial Intelligence   Oct. 2024 – 2026
Faculty of Sciences – Agadir

Bachelor of Excellence in Data Analytics and Artificial Intelligence   2023 – 2024
Faculty of Sciences – Agadir

DUT in Computer Engineering   2021 – 2023
Higher School of Technology – Beni Mellal

PROFESSIONAL EXPERIENCE

Intern – AttijariWafa Bank   April 2023 – June 2023
Software Development / Data Integration

- Designed and developed a web application using Spring Boot to convert API data into dynamic reports and downloadable PDF files
- Integrated and processed real-time data through RESTful APIs

Intern – Centrale Danone   August 2022
IT Support / Helpdesk

- Managed IT incidents and service requests within the support center (Helpdesk)
- Provided technical assistance to users regarding hardware, software, and network issues
- Tracked and resolved tickets through the internal management system

ACADEMIC PROJECTS

Intelligent Tank Monitoring System

- Smart IoT system for real-time automated tank monitoring with predictive analytics

RedditPulse Analytics

- Big Data & GenAI pipeline enabling real-time analysis of unstructured Reddit data via NLP, Spark, and generative AI

Port Scan Detection System

- ML-based cybersecurity system for real-time port scan detection with interactive SOC dashboard

Real-Time Recommendation System

- High-performance e-commerce system with Apache Kafka, Apache Flink, and collaborative filtering (<100ms latency)

SKILLS

AI & Data Science: Machine Learning, Deep Learning, Computer Vision, Image Processing, Data Visualization, Big Data

Software & Web Development: Web Programming, REST APIs, Laravel, Spring Boot, Flask, React

Databases & Systems: ORACLE, PostgreSQL, MongoDB, MySQL, SQL, NoSQL, UML, Linux

Tools & Technologies: Docker, Git, CI/CD, VS Code, IntelliJ IDEA, Jupyter Notebook