



HANAA BELAID

Master's student in AI and Data Science seeking a final-year internship

Phone +212 6 36 27 97 64

Portfolio belaid-hanaa.github.io/portfolio

Address Boukhalef, Tanger, Maroc

Linkedin [Hanaa Belaid](#)

Email hanaabelaid098@gmail.com

GitHub [belaid-hanaa](#)

EDUCATION

Master's in Artificial Intelligence and Data Science	2024–2026
Faculty of Sciences and Techniques of Tangier	
Bachelor's in Computer Engineering, Specialization in Data Analytics	2023–2026
Faculty of Sciences and Techniques of Tangier	
DEUST – Mathematics, Computer Science, Physics, Chemistry (MIPC)	2021–2023
Faculty of Sciences and Techniques of Tangier	

EXPERIENCE

End of Year Project Internship– Yazaki July 2025 – September 2025

- AI Assistant for Supplier IDoc Error Resolution
- Implemented a multi-agent system to automate the detection and resolution of IDoc errors, with a Master Agent coordinating various specialized agents.
- Technologies: Python, CrewAI, Ollama, Mistral, RAG



Final Year Internship – TE Connectivity April 2024 – June 2024

- Identification of Downtime Causes Using Algorithms and Industrial Data Processing
- Impact: Improved equipment availability and decision-making
- Technologies: Python, Flask, Dash, SQL Server



Observation Internship – COSUMAR July 2023

- Introduction to Information Systems Management and Technical Support
- Participated in IT maintenance and the integration of digital solutions



SKILLS

- Machine Learning and Deep Learning:** TensorFlow, PyTorch, Keras, Scikit-learn
- Transfer Learning and Natural Language Processing:** Hugging Face Transformers, SpaCy, NLTK, Ollama
- Big Data Technologies:** Apache Spark, Hadoop, Kafka, Apache Pig, Hive
- IoT Platforms:** Arduino, Raspberry Pi
- Data Engineering:** SQL Server, PostgreSQL, Talend
- Programming Languages:** Python, C/C++, Java, R
- Frameworks and Tools:** Django, Laravel, React, Docker, Flask, FastAPI, CrewAI

PROJECTS

Real-Time American Sign Language Prediction

- Technologies : TensorFlow, Keras, OpenCV, Flask, CNN, NumPy, scikit-learn

Real-Time Customer Review Analysis

- Technologies : Kafka, Spark, Docker, Python, TensorFlow, scikit-learn MongoDB, FastAPI

Fintech – Microservices

- Technologies : FastAPI, Docker, Kubernetes, Jenkins, PostgreSQL, React, Web3.js, Kafka, JWT, MetaMask

ML Pipeline for Parkinson's Disease Diagnosis

- Technologies : Decision Tree, SVM, CatBoost, NumPy, pandas, matplotlib, Evolutionary Feature Selection

Data Analysis Automation Application

- Technologies : Django, scikit-learn, TensorFlow, K-means, SVM, Random Forest, Réseaux de Neurones

EXTRACURRICULAR ACTIVITIES

Head of IT Department

The Legends Club – FST Tangier

Head of Training

The Legends Club – FST Tangier

CERTIFICATES

- Oracle Java Foundations**



- Fondements de la science des données : clustering K-Means en Python, science des données**

