



DEHBI KAMAL

Data Science, AI & Big Data Engineering Student

Looking for an end-of-studies internship (4-6 months) from February

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kamal-dehbi.vercel.app

EDUCATION

ENSAM Rabat : École nationale supérieure d'Arts et Métiers

Engineering in Data Science, AI & Big Data | Integrated Preparatory Class.

Rabat, Morocco

Sep 2021 - Present

PROFESSIONAL EXPERIENCE - INTERNSHIPS

Chatbot Development | Digiteam Archytas Conseil

Rabat, Morocco | Jul 2025 - Sept 2025

- Developed a chatbot for the [Fairlynk](#) platform using a RAG pipeline, LangChain with external LLMs via API.
- Supported multilingual questions in French, English, and Spanish.
- Built user interface using Streamlit, HTML, and CSS.

Backend Development | Bank Al-Maghrib (Dar Assikah)

Sale, Morocco | Jul 2024 - Aug 2024

- Built a Flask API for license plate detection from images using a CNN model.
- Achieved 95% accuracy on Moroccan plates.
- Designed PostgreSQL database schema.
- Deployed the application using Docker containers.

ACADEMIC PROJECT

Earthquake Early Warning System

Deep Learning, CNN, GNSS

Designed CNN models using high-rate GNSS data to predict earthquake magnitude and fault lines with improved accuracy.

Document Classifier

Computer Vision, NLP, Template Matching

Classification of personal documents (ID cards, bank statements, employer documents, etc.) via Computer Vision, NLP, and template matching.

ENSAM Alumni Tracking (LinkedIn)

Beautiful Soup, Selenium

Developed web scraping tools to collect alumni data from LinkedIn, performed data analysis, and built models to predict career paths.

Real-Time Banking Fraud Detection

Spark Streaming, Kafka, Docker

Real-time fraud detection system using Spark Streaming and Kafka, based on 5 rules (high amount, velocity, risky location, multi-merchant, night-time).

TECHNICAL SKILLS

Languages:

Python, Java, Matlab, Scala

ML - DL:

NumPy, Pandas, Scikit-learn, TensorFlow, Keras, PyTorch, CNN, RNN

Computer Vision:

OpenCV, YOLO

NLP - LLMs:

Transformers, NLTK, Spacy, RAG, LangChain, Agent Orchestration

Data Visualization:

Matplotlib, Seaborn, Plotly, Power BI, Google Looker Studio

Data Engineering:

Kafka, Hadoop, Hive, Pig, Sqoop, Spark, HBase, ETL

Web Development:

Flask, FastAPI, Streamlit, Java EE, Spring Boot, React

Web Scraping:

Beautiful Soup, Selenium

DevOps:

Docker, Kubernetes, Git, CI/CD, Jenkins, Linux Bash

Databases:

MySQL, PostgreSQL, SQLite, Oracle SQL, MongoDB, Neo4j

LANGUAGES AND SOFT SKILLS

Languages: Arabic (Native), French (Fluent), English (Fluent)

Soft Skills: Autonomy, Active listening, Adaptability, Teamwork

EXTRACURRICULAR ACTIVITIES & ENGAGEMENT

Roboticore Club – Media Relations: digital communication and content creation

Club Art IT – Treasurer: budget and expense management

CERTIFICATIONS

- AWS Cloud Practitioner (CLF-C02) - [DataCamp](#)
- CCNA: Introduction to Networks - [Cisco Networking Academy](#)
- CS50x: Introduction to Computer Science - [Harvard University \(edX\)](#)