

Abdelghafour LAHRACHE

Software Developer

Masters degree fresh graduate in Big data & IoT, passionate about software development and Data, with experience on Generative AI, I want to put my skills and creativity at the service of innovative projects by joining your team.

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WORK EXPERIENCE

Generative AI Engineering Intern – Capgemini Engineering, Casablanca

From February 2024 to July 2024

- Trained and fine-tuned Large Language Models (LLMs) and applied Retrieval-Augmented Generation (RAG) techniques.
- Developed an interactive Generative AI-based Assistant system.
- Implemented feedback systems and the latest technologies in Generative AI.
- Designed an advanced divers documents data extraction pipeline
- Tech-Stack : Python, FastAPI, Flask, LangChain, ChromaDB, LLamaHub, FAISS, PineCone, AWS, Vue.js

Data Science Intern – New Generation Technology, Casablanca, Morocco

From April 2022 to June 2022

- Developed machine learning models for various applications.
- Conducted data preprocessing and Exploratory Data Analysis (EDA) tasks.
- Created a bank card fraud detection system.
- Tech Stack : Python, Django, Classification ML, ETL, Scikit Learn, Tensorflow, Flask

Full stack Intern – SETRONIC, Settat, Morocco

From May 2021 to June 2021

- Designed and developed a warehouse management system.
- Creation of the Web application using Java Spring with Thymeleaf following an MVC architecture.
- Tech Stack : Spring Boot, Thymeleaf, Mysql, REST api

EDUCATION

Master's degree in Big Data & Internet of Things – National Higher School of Arts and Crafts, Casablanca, Morocco

From September 2022 to July 2024

- Deep Learning, Reinforcement Learning, Computer Vision, LLMs, IoT

Professional Bachelor's Degree in Big Data – Higher school of Technologies, Salé

From September 2021 to June 2022

- Virtualization, Cloud Computing, Advanced Databases, and CyberSecurity.

Software development technician – Specialized institution of applied technologies, Settat, Morocco

From September 2019 to June 2021

- Database management, computer networks
- Web Development, Mobile Development

SKILLS

Programming languages: C#, Python, Java, C Embedded, Javascript, Typescript, R

Frameworks & Libraries: Spring, .Net, Angular, Flask, Django, SKLearn, Keras, React, Next.js, Tensorflow, Laravel, Node.js

Databases : Oracle, MS SQL Server, Neo4j, MongoDB, Firebase, CoucheDB, ChromaDB

Data science : Gen AI, LLM, ML, RL, DL, Text Mining, Data mining, Computer vision, LangChain, LLamaIndex

Big data & cloud : AWS, Hadoop, Spark, Kafka, Hive, GCP (beginner)

Tools : Docker, Ansible, Jenkins, Jira, PostMan, PowerBI, ODI

LANGUAGES

English Advanced

Arabic Native Language

French Courant

CERTIFICATIONS

AWS for Generative AI

SCRUM foundation professional certificate SFPC v2020

HCIA-AI V3.5 Course Certificate

Digital Marketing - Google