AYA
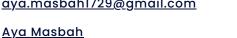# MASBAH

ENGINEERING STUDENT IN ARTIFICIAL INTELLIGENCE
AND COMPUTER SCIENCE AT ENSAM CASABLANCA

Looking for a Final Year Internship (PFE)

✉ aya.masbah1729@gmail.com 📞 0694970807 📍 Casablanca

in Aya Masbah ⚫ Aya-Masbah 📁 Portfolio

EDUCATION

FINAL YEAR ENGINEERING STUDENT IN ARTIFICIAL INTELLIGENCE AND COMPUTER ENGINEERING

ENSAM-Casablanca
2022-Ongoing

PREPARATORY YEARS

ENSAM-Casablanca
2020-2022

SKILLS

- **Programming**: Python, R, SQL, Java (Spring, Hibernate), C, C#, PHP (Laravel), JavaScript (React, Angular).
- **Data Analysis:** Pandas, NumPy, ETL/ELT.
- **Machine Learning:** Scikit-learn, Predictive modeling.
- **Deep Learning:** Keras, TensorFlow, PyTorch, CNN.
- **NLP:** NLTK.
- **Databases:** Oracle, MySQL, SQLServer, MongoDB.
- **Visualization:** Matplotlib, Seaborn, Power BI.
- Deployment: Flask, Streamlit, Docker.
- Collaboration and Project Management: Git, JIRA.
- Big Data: Hadoop, Spark.
- Computer Vision: OpenCV, YOLOv8, OCR.

SOFT SKILLS

- Analytical and synthesis skills
- Effective communication
- Autonomy
- Problem-solving

LANGUAGES

- Arabic: Native language
- French: Advanced
- English: Intermediate

INTERESTS

- Reading

PROFESSIONAL EXPERIENCE

DATA SCIENCE INTERN | JULY 2024 - AUGUST 2024

E-Tawjihi

- **Developed** and **deployed** a robust and scalable lead scoring model with **80% accuracy**, enabling the identification and prioritization of high-conversion potential leads.
- Tools: **Python, Scikit-learn, Pandas, Streamlit**.

FULL STACK DEVELOPER INTERN | JULY 2023

AYAM DIGITAL SOLUTIONS

- **Developed** the "Factory Insights" mobile application to simplify the management of industrial measurements.
- Tools: **Laravel, Ionic Framework, Postman.**

ACADEMIC PROJECTS

ANIMATION EXTRACTION FROM VIDEOS

- **Developed** a platform for generating animations and CSV files of detected poses from videos, with real-time movement simulation through an avatar in Unity.
- Tools: **MediaPipe, OpenCV, Python, Unity, Django**

PHOTO MANAGEMENT APPLICATION FOR SPORT EVENTS

- **Developed** an application enabling bulk upload and automatic classification of sports photos by bib number, with a search functionality.
- Tools: **Roboflow, Python, Django, Bootstrap, YOLOv8, EasyOCR.**

INTELLIGENT CHATBOT FOR PDF DOCUMENT INTERROGATION BASED ON RAG

- **Developed** a chatbot to query PDFs, combining NLP with retrieval-augmented generation (RAG).
- Tools: **Streamlit, LangChain, HuggingFace, FAISS, Python.**

CANCER PREDICTION APPLICATION WITH STREAMLIT

- **Deployed** a cancer prediction model through a Streamlit application to provide accessible health predictions.
- Tools: **Python, Streamlit, Scikit-learn.**

SENTIMENT ANALYSIS VIA MACHINE LEARNING

- **Developed** a sentiment analysis model to classify reviews using NLP techniques.
- Tools: **Python, NLTK, Scikit-learn.**