



AYA MASBAH

ENGINEERING STUDENT IN ARTIFICIAL INTELLIGENCE
AND COMPUTER ENGINEERING

*Looking for a Final Year Internship
(PFE)*



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[Aya Masbah](#)



0694970807



[Aya-Masbah](#)



Casablanca



[Portfolio](#)

EDUCATION

FINAL YEAR ENGINEERING STUDENT IN
ARTIFICIAL INTELLIGENCE AND COMPUTER
ENGINEERING

ENSAM-Casablanca
2022-2024

PREPARATORY YEARS

ENSAM-Casablanca
2020-2022

SKILLS

- Programming: Python, R, SQL, Java (Spring, Hibernate), C, C#, PHP (Laravel), JavaScript (React, Angular).
- Data preprocessing, analysis, and modeling: Pandas, NumPy.
- Machine Learning: Scikit-learn, TensorFlow, Predictive Modeling.
- NLP: NLTK.
- Databases: Oracle, MySQL, SQLServer, MongoDB.
- Visualization: Matplotlib, Seaborn, Power BI.
- Deployment: Flask, Streamlit.
- Collaboration: Git.

SOFT SKILLS

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

LANGUAGES

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

INTERESTS

- Reading

PROFESSIONAL EXPERIENCE

PFA INTERNSHIP | JULY 2024 - AUGUST 2024

E-Tawjihi

- **Developed** and **deployed** a robust and scalable lead scoring model, achieving a **score of 0.8**, to predict high-probability conversion leads, facilitating their prioritization.
- Tools: **Python, Scikit-learn, Pandas, Streamlit.**

INITIATION INTERNSHIP | 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.**