

AOUNI YASSINE

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 [Yassine-AO](#)

Summary

Fourth-year AI and Data Science engineering student, passionate about building practical, real-world AI applications. Driven to keep advancing my skills and contribute to innovative AI solutions.

Education

Engineering Degree in Artificial Intelligence and Data Science	2024 - Present
• EMSI – Moroccan Engineering School – Casablanca	
Preparatory Cycle – Computer Science Engineering	2022 - 2024
• HEM Engineering School – Casablanca	
Network Infrastructure Studies	2021 - 2022
• OFPPT – Errachidia	
Baccalaureate in Physical Sciences	2020 - 2021
• Iqrae 2 – Errachidia	

Professional Experience

Artificial Intelligence Engineer	Jul 2025 – Oct 2025
Eximium Talent — London Area, UK (Hybrid)	
<ul style="list-style-type: none">Built a FastAPI CV scoring system using OCR, Vision-Language Models, and LLMs with cosine similarity for semantic matching.Integrated a real-time conversational avatar into the website using Artificial Intelligence workflows.Led technical bootcamps on Artificial Intelligence, Machine Learning, and software engineering roles.Researched avatar-based dialogue systems and automated internal processes using n8n to build custom AI-driven workflow solutions.Gained hands-on experience in applied Artificial Intelligence, API design, and deployment of intelligent systems.	

Projects

YOLO-Based Leukocyte Detection in Hematology
<ul style="list-style-type: none">Trained a YOLO deep learning model with PyTorch for automated white blood cell detection in the Cytologia Challenge (France), achieving 0.86 F1-score and 0.91 mAP.Technologies: PyTorch, YOLO, Computer Vision, Deep Learning
Deep Learning Face Recognition with ArcFace & ONNX
<ul style="list-style-type: none">Developed a real-time face recognition system using ArcFace embeddings and ONNX runtime; integrated OpenCV for detection and MySQL for secure identity storage.Technologies: LLaMA, Flask, Selenium, RAG, AWS EC2, Nginx, Gunicorn
AI-Powered RAG System with LLaMA 3.1
<ul style="list-style-type: none">Built a Retrieval-Augmented Generation (RAG) summarization app using LLaMA 3.1-70B, enabling semantic search and context-aware responses; deployed on AWS EC2.Technologies: ArcFace, ONNX, OpenCV, Python, NumPy, MySQL

Skills

Programming: Python, Java, C/C++, OOP
AI & ML: Deep Learning, Computer Vision, LLMs (LLaMA), RAG, Fine-Tuning, AI Agents
Data Science: Pandas, NumPy, Data Analysis
Web & APIs: Flask, FastAPI, Django, RESTful APIs
Tools & Frameworks: PyTorch, OpenCV, ONNX, OCR
Databases & Deployment: MySQL, MongoDB, Docker, Nginx, AWS EC2
Other: Git, Linux, Agile

Languages

Arabic : Native	English : Fluent	French: Fluent
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