

Ilyas Daoud El Asmi

AI ENGINEERING STUDENT | LLMs & AI AGENTS | MACHINE LEARNING

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PROFESSIONAL PROFILE

4th-year Computer Engineering student (AI track) at EHEI Oujda, with a Bachelor's degree in Data Analytics and Business Intelligence. Hands-on experience in LLM fine-tuning, RAG, OCR, deep learning, voice deepfake detection and full-stack development, from data preprocessing to deployment.

TECHNICAL SKILLS

Languages:	Python, SQL, JavaScript, TypeScript, Java, C
AI & Data:	Machine Learning, Deep Learning, LLM, Fine-tuning (LoRA), RAG, OCR, AI Agents, Data Mining, Data Analysis, Predictive Analytics, ETL, Power BI
Frameworks & Libraries:	PyTorch, Hugging Face Transformers, TensorFlow, Scikit-learn, Pandas, NumPy, React, Next.js, NestJS, Django, FastAPI, Electron
Web:	HTML5, CSS3, Tailwind CSS, PHP, REST API, SEO, UI/UX
Databases & Tools:	PostgreSQL, MySQL, SQLite, Git, GitHub, VS Code, Google Colab

PROFESSIONAL EXPERIENCE

AI Intern — <i>LEADZ Tech Services, Rabat</i>	April 2026 – June 2026
- Fine-tuned a conversational LLM for Moroccan Darija and multilingual interactions; evaluated response quality and optimized inference performance. - Developed a RAG pipeline, integrated OCR for intelligent document processing, and contributed to an AI-based conversational platform.	
Machine Learning Intern — <i>CHU Mohammed VI, Oujda</i>	April 2025 – May 2025
Developed a Deep Learning solution to assist in detecting breast anomalies on mammograms, including image preprocessing and model evaluation.	
Web Development Intern — <i>Regional Health Directorate, Oujda</i>	July 2024
Designed a responsive institutional website with information management, an accessible interface, and improved organization of public content.	

SELECTED PROJECTS

Real or Clone? — AI Voice-Clone Scam Detector	PyTorch, XLS-R, FastAPI, NVIDIA GPU
Built in one day at the GOMYCODE × NVIDIA hackathon: fine-tuned Meta's XLS-R 300M on 51,000 English and French WhatsApp-style voice notes to detect cloned voices (96.1% accuracy on unseen voices, 2.4% error rate on unseen generators); mobile web app, open source.	
Instagram Engagement Analytics Platform	Python, Machine Learning, Power BI, Data Warehouse
Built an Instagram data pipeline, trained several classification models, and designed KPI-tracking dashboards.	
Professional Websites: Kami Coffee, Mito, Le Jump	Next.js, React, SEO, UI/UX
Developed responsive websites with booking, interactive interfaces, and performance and SEO optimization.	

EDUCATION

Engineering Degree in Computer Engineering – Artificial Intelligence (4th year)	2026 – 2028
<i>EHEI Oujda</i>	
Bachelor's Degree in Data Analytics and Business Intelligence	2025 – 2026
<i>École Supérieure de Technologie (EST), Oujda</i>	
University Diploma of Technology (DUT) in Business Intelligence and Machine Learning	2023 – 2025
<i>EST Oujda</i>	
Baccalaureate, Physical Sciences	2023

LANGUAGES

Arabic — Native language **French** — Professional proficiency **English** — Professional proficiency

INTERESTS

Artificial Intelligence Data Science Football Technology