

Yahya BELLMIR

+212 7 78 66 40 75 · Morocco, Meknes · yahyabellmir@gmail.com · [in](#) · [G](#) · [MyPortfolio](#) [↗](#)

AI and Data Science Engineering student specializing in Machine Learning, NLP, and Computer Vision.
I design data-driven solutions to tackle complex challenges and build high-performance, scalable applications.

EDUCATION

Ecole National des Arts et Metiers :

Engineering degree : "Industrial Engineering Artificial Intelligence and Data Science"

Sep 2024 - July 2026

Meknes, Morocco

Ecole National des Arts et Metiers :

Integrated Preparatory Year

Aug 2023

Meknes, Morocco

EXPERIENCE

Internship, RADEM Meknes Web Development | On-site (Meknes, Morocco) [G](#) [↗](#)

Aug 2024 - Sep 2024

- Engineered a full-stack solution with Spring Boot to centralize supervisor tracking and reporting.
- Secured the application with a multi-role authentication system using Spring Security and BCrypt.
- Created a responsive UI with Bootstrap and streamlined deployment by containerizing the app with Docker.

Data Scientist Intern, Declic (500 Global) Data Science | Remote (Paris, French) [G](#) [↗](#)

Jun 2025 - Aug 2025

- Developed a lightweight LLM recommender for personalized events using SFT and DPO.
- Achieved 91.3% accuracy on the complex Declic Events dataset, significantly outperforming baseline SFT-only models.
- Engineered an automated pipeline to convert user logs into a multi-task instructional dataset.
- Designed a dialogue system to interpret complex user queries, including intent, tone, and location.
- Containerized the final model for inference with Docker and Ollama, and co-authored a conference paper.

Certificates

Huawei Certification: Artificial Intelligence Technology and Applications

2024

Microsoft: Career Essentials in Generative AI by Microsoft and LinkedIn

2025

Udemy: Mastering the Seven Essential Quality Improvement Tools

2025

Agile Enterprise Coach: Agile Fundamentals Certification

2025

DataScientist.fr: Introduction to Docker

2025

DataCamp: Associate Data Scientist

2025

ExpertEase Education: Power BI Fundamentals A to Z

2025

Udemy: Master Python Web Scraping & Automation using BS4 & Selenium

2025

Udemy: Docker for Beginners: a Hands-On Practice Course (+12 hours)

2025

PROJECTS

Parking Space Recognition System | AI & Data Science [G](#) [↗](#)

Oct 2024 - Jan 2025

- Built a computer vision system to accurately classify and monitor parking space occupancy in real-time.
- Achieved 100% and 95% detection accuracy by implementing fine-tuned SVM and YOLOv8 models, respectively.
- Streamlined the ML pipeline through meticulous data preprocessing, model training, and performance tuning.

Multi-Agent System for Mapping and Surveillance | Robotics & AI [G](#) [↗](#)

Feb 2025 - June 2025

- Constructed a cooperative multi-agent system with e-Puck robots in Webots for autonomous exploration.
- Designed and implemented a robust framework for simultaneous real-time environmental mapping and surveillance.
- Integrated computer vision and reinforcement learning to enhance collaborative agent navigation and task efficiency.

Automated Access Control System via ESP32 and RFID | IoT & Industrial Engineering [G](#) [↗](#)

April 2025 - June 2025

- Engineered a secure IoT-based access control system integrating an ESP32, RC522 RFID, and an electric lock.
- Developed a dynamic PHP/MySQL web interface for seamless badge administration and detailed access logging.
- Oversaw complete hardware integration and conducted rigorous functional testing within a local XAMPP environment.

SKILLS

Languages	Python, C, C#, C++, Java, LaTeX, Java Script, HTML, CSS, ESP32
Software	Linux, Tensorflow, Pytorch, Docker, OpenCV, Spring Boot, Git, PowerBI
Academic	Machine learning, Deep learning , Industry 4.0, Prompt Engineering, Lab Factory, Data science , Data Analytics, Lean Six Sigma, Agile Methodology.
Soft Skills	Time Management, Problem-solving, Documentation, Engaging Presentation, Leadership, On-site coordination, Teamwork, Adaptability.
Frameworks	RAG, ReadTheDocs, Documentation, Hugging Face, Langchain, Ollama.
Office software	Excel, Word, LaTeX, PPT

Languages

– English: fluent – French: fluent – Arabic: Native