

Yahya BELLMIR

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AI and Data Science student with a strong interest in Machine Learning and Computer Vision. Passionate about solving complex problems with data-driven solutions and building scalable applications.

EDUCATION

Ecole National des Arts et Metiers : Engineering degree : " <i>Industrial Engineering Artificial Intelligence and Data Science</i> "	Sep 2024 - July 2026 Meknes, Morocco
Ecole National des Arts et Metiers : <i>Integrated Preparatory Year</i>	Aug 2023 Meknes, Morocco

EXPERIENCE

Internship, RADEM Meknes Web Development On-site (Meknes, Morocco) Q ↗	Aug 2024 - Sep 2024
<ul style="list-style-type: none">Developed a web application with Spring Boot to streamline supervisor management across RADEM agencies.Implemented features for tracking, reporting, and administration of supervisor activities.Designed a scalable, secure, and maintainable backend, while ensuring a responsive UI with HTML, CSS, and JavaScript.	
BCG Data Science Job Simulation (Forage) Q ↗	Feb 2025 - Mar 2025
<ul style="list-style-type: none">Analyzed customer churn using Python (Pandas, NumPy, Matplotlib) for data processing and visualization.Developed an optimized Random Forest model achieving 85% prediction accuracy through feature engineering.Delivered executive summary with actionable insights to drive business decisions at XYZ Analytics.	

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

PROJECTS

Parking Space Recognition System AI & Data Science Q ↗	Oct 2024 - Jan 2025
<ul style="list-style-type: none">Developed a computer vision system to detect empty and occupied parking spots.Implemented SVM and YOLOv8 models for high-accuracy detection.Worked on data preprocessing, model training, and performance optimization.	
Automated Access Control System via ESP32 and RFID IoT & Industrial Engineering Q ↗	April 2025 - June 2025
<ul style="list-style-type: none">Design of a secure access control system using ESP32, RC522 RFID module, and electric lock.Development of a PHP/MySQL web interface for badge management and access logs.Hardware integration (relay, 12V power supply) and functional testing in a local XAMPP environment.	
Video Game Sales Analysis Data Visualization & BI	March 2025 - May 2025
<ul style="list-style-type: none">Creation of interactive dashboards with Power BI to visualize video game sales and critical scores.Analysis of regional performance (USA, Europe, Japan) and insights on popular titles by platform.	
Multi-Agent System for Mapping and Surveillance Robotics & AI Q ↗	Feb 2025 - June 2025
<ul style="list-style-type: none">Developing a cooperative multi-agent system using e-Puck robots in Webots.Designing an autonomous framework for real-time mapping and surveillance.Integrating computer vision and reinforcement learning for optimized agent collaboration.	
CV Ranking System AI & NLP Q ↗	April 2025 - May 2025
<ul style="list-style-type: none">Multi-AI (Gemini/GPT/Grok) resume analysisSection-wise scoring with feedback	

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