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

EXPERIENCE

Internship, RADEM Meknes *Web Development* | On-site (Meknes, Morocco) ○ ⬈ — Aug 2024 - Sep 2024
- 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) ○ ⬈ — Feb 2025 - Mar 2025
- 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 ○ ⬈ — Oct 2024 - Jan 2025
- 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 ○ ⬈ — April 2025 - June 2025
- 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
- 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 ○ ⬈ — Feb 2025 - June 2025
- 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 ○ ⬈ — April 2025 - May 2025
- Multi-AI (Gemini/GPT/Grok) resume analysis
- Section-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