Yahya BELLMIR

+212 7 78 66 40 75 · Morocco, Meknes, Sidi Said Hay Salam · yahyabellmir@gmail.com, 🗖 🗘 · MyPortfolio 🗹

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 : "Industrial Engineering Artificial Intelligence and Data Science" Ecole National des Arts et Metiers :

Integrated Preparatory Year

Sep 2024 - July 2026 Meknes, Morocco Aug 2023

Meknes, Morocco

EXPERIENCE _

Aug 2024 - Sep 2024

- Internship, RADEM Meknes Web Development | On-site (Meknes, Morocco) 🖸 🗹 Aug 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 |

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 🔾 🗹 • Developing a cooperative multi-agent system using e-Puck robots in Webots.

Feb 2025 - June 2025

- 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.

Academic

Python, C, C#,C++, Java, LaTeX, Java Script, HTML, CSS, ESP32 Languages

Linux, Tensorflow, Pytorch, Docker, OpenCV, Spring Boot, Git, PowerBI Software Machine learning, Deep learning, Industry 4.0, Prompt Engineering, Lab Factory, Data science, Data Analytics,

Lean Six Sigma, Agile Methodology.

Time Management, Problem-solving, Documentation, Engaging Presentation, Leadership, On-site coordination, Soft Skills

Teamwork, Adaptability.

RAG, ReadTheDocs, Documentation, Hugging Face, Langchain, Ollama. Frameworks

Excel, Word, LaTeX, PPT Office software

Languages.

- **English**: fluent - **French**: fluent - **Arabic**: Native