

Ali Anass AMRADOUCH

Seeking AI Engineer/Researcher roles in the football industry, available from October 2025.

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Experience

AI Research Scientist

Belgian Red Devils

Tubize, Belgium

Dec 2024 - Mar 2025

- Collaborated with RBFA performance analysts and data scientists to integrate AI tools, address their needs, and enhance decision-making processes.
- Developed deep learning models (CNN, LSTM) for event detection, tactical visualizations, leveraging computer vision and a RAG-based chatbot for interactive data exploration.
- Working on generating tactical visualizations to assist in analyzing the **Belgium-Ukraine match**.
- **Skills:** Performance analysis, Tactical Insights, Data Visualization, PandasAI, Deep Learning (CNN, LSTM), Generative AI (Mistral, LangChain), Data Parsing, Computer Vision, AI Integration

AI Engineer

Atos Group

Bordeaux, France

June 2024 - Sept 2024

- Developed a real-time vehicle flow detection system for Bordeaux Métropole.
- Optimized deep learning models, achieving 14x faster detection on Jetson Nano.
- **Skills:** Computer Vision, Transfer Learning, Docker, Grafana, Cloud Computing, Communication.

Data Scientist

Digital Escapade

Nantes, France

Sept 2023 - Jan 2024

- Enhanced escape games with machine learning solutions and interactive dashboards.
- Processed data to improve user experience and game insights.
- **Skills:** Python, SQL, Scikit-learn, Flask, Vue.js, Communication, Teamwork.

Education

IMT Atlantique, Nantes/Brest

2022 - 2025

Engineering degree student (equivalent to Master degree M2)

- **Relevant courses:** Data Structures, Advanced Machine learning, Machine learning for graphs, Efficient deep learning, Data visualization.

Universidad Carlos III Madrid

Jan 2024 - June 2024

Erasmus+ student in Artificial Intelligence

- **Relevant courses:** Artificial Intelligence, Graph Theory, Deep Learning with Neural Networks, Predictive Modelling with R, Cloud Computing.

Actual Work, Interests and Distinctions

◦ Distinctions:

- **Outstanding Award in Huawei Munich Tech Arena:** Individual Head-Related Transfer Functions Generation with AI.
- **Airbus Digital Challenge Winner:** Proposed an NLP solution to handle informal data.

◦ Actual Work:

- Participating in FIFA Skeletal Tracking 'Light' Challenge.

◦ Interests:

- Team sports (especially football), member of the sports committee at school, and player on the school football team.

◦ Programming Proficiency:

- Python (advanced in ML/AI), Java, SQL, RStudio (proficient).