

ALEJANDRO BOLAÑOS GARCÍA

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OBJECTIVE

Data Science graduate (ULPGC), passionate about Artificial Intelligence, Machine Learning, and data-driven solutions. Seeking a junior role in data science or machine learning to apply my technical skills and continue professional growth.

EDUCATION

B.Sc. in Data Science and Engineering, University of Las Palmas de Gran Canaria 2021 - 2025
Bachelor Thesis: *"Recognition of feints and shots in handball penalties using Transfer Learning in Deep Learning"*.

SKILLS

Languages	Python, R, Java, SQL, Dart, JavaScript
Frameworks	PyTorch, scikit-learn, NumPy, Pandas, Flask, Apache Spark
Databases	MySQL, MongoDB, Pinecone
Tools	Git, Linux, Firebase, Docker
Soft Skills	Teamwork, adaptability, analytical thinking, problem solving
Languages	Spanish (native), English (professional proficiency)

EXPERIENCE

Data Science Intern Feb 2024 - May 2024
SIC4Change Las Palmas, Spain

- Developed **InclusIA**, a cross-platform app (Flutter + Firebase) integrating **Gemini** to detect and correct gender bias in text.
- Implemented Cloud Functions (Node.js, Dart) for text extraction, user registration, and Firestore integration.
- Worked with **Gemma 3** (fine-tuning with LoRA and PPO) and explored RAG systems with Pinecone.
- Contributed to backend and frontend development in an agile environment.

Youth Football Coach 2020 - 2024
CD Corazón de María Las Palmas, Spain

- Trained and motivated young players, fostering teamwork and discipline.
- Developed leadership and organizational skills in official competitions.

PROJECTS

Prediction of feints and shots in handball penalties (Bachelor Thesis). Developed deep learning models (GRU, LSTM, Transformers, TCN) applied to video sequences to classify feints and shots. Trained and validated with *accuracy* and F1-score metrics, achieving solid results.

YouTube to the point. Retrieval-Augmented Generation (RAG) application to answer natural language questions about YouTube videos using subtitles. Integrated multilingual embeddings, a vector database in Pinecone, and a Streamlit interface. Produced concise answers with citations and direct links to the exact video timestamp.

EXTRA-CURRICULAR ACTIVITIES

- Summer football camp monitor (2023, Summa Temp Canarias).
- Active development of personal projects in machine learning, computer vision, and data analysis.