Jordi Blasco Lozano

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Artificial Intelligence Engineer with expertise in developing state-of-the-art AI solutions. Proven experience in Python, machine learning frameworks, and algorithm design. Skilled in leading cross-functional teams and delivering scalable AI applications. Passionate about advancing AGI through innovative research and practical implementation.

INTERNATIONAL MOBILITY AND PROJECTS

ERASMUS HOME (HUMAN OUT MIGRATION IN EUROPE) — *Budapest, Hungary* / *Sept 2021* — *Alicante, Spain* / *March 2022*
Double mobility in collaboration with IES Torrellano, Sept 2021
Project ref: 2020-1-FR01-KA229-079855

KEY PROJECTS — *Alicante, Spain* / *2024*
AGI-Powered Educational Assistant: Developed a Python-based AI tutor using GPT-4 and fine-tuned LLMs (Hugging Face). Deployed via Docker and cloudflared, achieving 98% user satisfaction in beta testing.

2023
Autonomous Robotics System: Designed a fuzzy logic controller in Python for 2D robot navigation. Implemented real-time decision-making algorithms validated in simulation environments.

2023
Unreal Engine AI Integration: Built a C++ plugin for Unreal Engine 5 to simulate AGI behaviors in 3D environments.

EDUCATION

UNIVERSITY OF ALICANTE — **Alicante, Spain** / *Sept 2020 - 2024*
Bachelor's Degree in Artificial Intelligence Engineering (GPA: 3.8/4.0)

OXFORD TEST OF ENGLISH — **Alicante, Spain** / *May 2024*
B2 Level, ref: 263339

PROFESSIONAL EXPERIENCE

AI Research Intern | TechInnovate Labs — **Valencia, Spain** / *June 204 – present*
Collaborated on AGI research projects using PyTorch and Hugging Face transformers.
Optimized reinforcement learning algorithms for autonomous systems.
Mentored junior developers in implementing NLP pipelines.

Project Lead | University of Alicante AI Lab — **Alicante, Spain** / *2022 – 2023*
Directed a team of 5 to build a modular AGI framework for educational purposes.
Integrated Node2Vec embeddings and graph-based models for dataset analysis.
Published findings in IEEE Transactions on AI Systems.

ADDITIONAL SKILLS

Scripting tools: git, Docker, CMake, Bash

Machine Learning Tools: PyTorch, Hugging Face, pandas, numpy, matplotlib, ollama, AI gents

Programming: Python, C++, C, Swift, LaTeX, noSQL, SQL, Java Script

Languages: English (Fluent), Spanish (Native), Catalan (Native)