# Jordi Blasco Lozano

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*I am an Artificial Intelligence Engineering 3$^{rd}$ year student seeking opportunities to apply and expand my knowledge in AI, particularly in projects related to Python, algorithms, and application development. I have a strong background in artificial intelligence, programming, and algorithms, along with hands-on experience in video game development using Unreal Engine and participation in international projects. My skill set includes teamwork and international cooperation.*

## INTERNATIONAL MOBILITY AND KEY PROJECTS

### ERASMUS HOME (HUMAN OUT MIGRATION IN EUROPE)
*Budapest, Hungary*
*Sept 2021*

Project ref: 2020-1-FR01-KA229-079855

### UNIVERSITY PROJECTS
*Alicante, Spain*
*2023 – 2025*

Implementation of a fuzzy system using fuzzy_expert in Python for managing a 2D robot on a plane to follow all practice directives.

Developed and documented a ResNet-50-based deep learning model in MATLAB for skin cancer detection, achieving 80% accuracy in detecting cancerous cases and 85% in non-cancerous cases.

Developed a Intelligent web application for e-commerce that allows searching for products by text or image, using pre-trained AI models.

Developed a fuzzy logic system to estimate the risk of heart attack based on clinical questions.

Developed a pacman agent with a combination of a CNN and Alphabeta with heuristics.

### INDI PROJECTS
Pretrained ollama LLM models using prompting and reinforcement learning, then deploye Open Web UI via Docker with a Cloudflared tunnel for take access to the web ui
*Alicante, Spain*
*2024 – present*

Spotify WRAPPED, a Jupyter notebook providing in-depth analytics about the music you listen to
*Alicante, Spain*
*Oct 2024 – 2025*

Assembly of a 3D video game with Unreal Engine 4, using blueprints and C++
*Alicante, Spain*
*2022*

## PROFESSIONAL EXPERIENCE

### REINFORCEMENT LEARNING FROM HUMAN FEEDBACK | OUTLIER
*Alicante, Spain*
*2024 – 2025*

Worked as an RLHF researcher at Outlier, contributing to multiple projects

## EDUCATION

### UNIVERSITY OF ALICANTE
**Alicante, Spain**
*Sept 2022 - present*

Artificial Intelligence Engineering (3er year 100% pass)

### OXFORD TEST OF ENGLISH
*Alicante, Spain*
*May 2024*

B2 Level, ref: 263339

## ADDITIONAL SKILLS

**Scripting tools**: git, Docker, 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)