

Jose Izarra

Madrid, Spain

(+34) 676135616 | jizarra.ieu2022@student.ie.edu | [GitHub](#) | [Personal Website](#) | [LinkedIn](#)

Eligible to sign internship agreement via IE University

SUMMARY

Driven student with a passion for creation and performance. Skilled in full-stack development, cloud solutions and project management. Lead developer in a technology startup. Proficient in TypeScript, Python and making user-centric applications. Seeking software development opportunities with an ambitious company looking to make an impact in the world.

EDUCATION

IE UNIVERSITY (IEU)

Madrid, Spain

Bachelor in Computer Science and Artificial Intelligence

Expected: July 2026

- Relevant subjects: Software Dev. & Devops (9.0/10), Databases (9.1/10), Computer Programming in C (9.2/10)
- GPA: 8.63 / 10

EXPERIENCE

theHouse – Technology Startup

Madrid, Spain

LEAD SOFTWARE DEVELOPER

May 2024 - Present

- Leading frontend development (UI/UX) of DASH, a payment gateway and CRM website for nightlife venues using TypeScript/Next.js, Django and PostgreSQL, deployed with Docker, NGINX, and Gunicorn.
- Developing easy-to-use, high-end software with the goal of revolutionizing shared payment processing.
- Communicating with stakeholders to deliver an MVP to acquire funding.
- Working within a group of 3 using Agile methodology to produce the end-product.

ROBOTICS & AI CLUB

Madrid, Spain

CHIEF ENGINEER

September 2024 - Present

- Leading the development and implementation of 4 projects: AI Chatbot Web Platform, Chess AI Agent, Robot Arm using computer vision, and Club Website.
- Creating project plans and objectives for club, while mentoring group members to further develop their project ideas.
- Designed and developed the club's official website to connect with members of our club.

IEU TECH LAB

Madrid, Spain

PROJECT DEVELOPER

JAN 2024 – JUNE 2024

- Collaborated with a team of 10 to provide automation, meet customer needs, and deliver solutions for Santander, LATIDO and TikTok.
- Developed and presented a live transcription software for zoom meetings to output a text file for Banco Santander. Using OpenAI's Whisper AI, Python/Flask, TypeScript/Next.js and deployment to Vercel for demo. Decreased time taken to transcribe meetings.
- Digitalized and automated workflows for startup LATIDO (B2C) using AI tools. Implemented Google Analytics, CRM for product handling, and presented valuable AI integrations for their business. Increased their efficiency by 50%.
- Researched and delivered a demo on social listening tools and AI for sentiment analysis for TikTok to increase ad revenue.

PROJECTS

- **Algo-Visualizer:** Visualizer for sorting algorithms in C++ using SFML, CMake and OOP. Built-in documentation with Doxygen, Breathe and Sphinx. Integrated testing workflow with Google Test (2024).
- **Portfolio Website:** Responsive React website to showcase personal projects and interests. Built with Typescript/Next.js and applies modern web standards (2023-Now).
- **C Whale:** C-based domain-specific programming language for Docker container management that simplifies image and Dockerfile creation. Using GNU Bison parser, Fast Lexical Analyzer (Flex) lexer and CMake. Adaptable for Windows, Linux, macOS (2023).

ADDITIONAL INFORMATION

- **Languages:** Spanish (Native), English (Native), Portuguese (Intermediate)
- **Programming:** JavaScript/Typescript (Next.js, Express.js), Python (Flask, Django, ML), C, C++, HTML, CSS, Go/Golang.
- **Technologies:** React, MongoDB, Docker, Linux, MySQL, PostgreSQL, Git, Azure, Digital Ocean, Firebase, AWS, CMake, Bash Shell.
- **Additional Activities:** Football player for IE University (Segunda Regional RFEF).
- **Interests:** Football, Gym, Philosophy.