

JUAN FELIPE ORTIZ LEJARDE

Madrid, Spain

jortiz.ieu2022@student.ieu.edu | <https://www.linkedin.com/in/juan-felipe-ortiz-lejarde/>

Eligible to sign internship agreement via IE University

Summary

Top performing Data Analytics and Business student at IE University with experience engineering AI systems, leading AI-assisted code migrations on production systems, developing automation software for financial payments, and building full-stack applications in React, TypeScript, Python and SQL. Interested in leveraging AI and data to improve business processes and decision-making.

Education

IE UNIVERSITY (IEU)

Madrid, Spain

Dual Bachelor in Business Administration and Data & Business Analytics

Expected: July 2027

- GPA: 9.37/10.00. Class Rank #2. Awarded Academic Excellence Scholarship, IEU fellow and Honours Program (Top 5% IEU).

CORNELL UNIVERSITY

Ithaca, United States of America

Exchange Program in Information Science

September 2025 – December 2025

Experience

CHEDAR

Madrid, Spain

Software Developer & PM (AI-First)

May 2026 – Present

- Led an AI-assisted migration of a legacy 2016 web platform, moving 330K+ user accounts, a 30K+ product catalog, and 220K+ reviews to a modern codebase with a staged deployment pipeline (local → staging → production) and CI/CD via GitHub Actions.
- Replacing managed cloud services with a self-hosted stack (Coolify, MinIO, self-hosted Postgres, OpenObserve for monitoring), cutting recurring platform costs while keeping full control over performance.
- Planning, designing and enhancing a Hermes AI assistant to assist in varied business processes such as customer support and code.

GSK × IE UNIVERSITY – BIOPHARMA AND AI GATEWAY – [Student Project](#)

Madrid, Spain

Project Lead - Aegis Framework (Multi-Agent AI Platform) - Awarded Best Patient Impact

January 2026 – June 2026

- Led a 3-person team building a multi-agent AI system for AMR research. Specialized LLM agents evaluate patient cases from different angles and cross-check each other's reasoning; distributed agents across OpenAI, Anthropic, Gemini and Ollama.
- Implemented evidence-grounding throughout the platform. RAG over researcher-uploaded literature, retrieval constrained to published sources, and enforced citations on every generated claim to control hallucination.

LEJARDE & ORTIZ S.A.S – Contractor for Banco GNB Sudameris (Gilinski National Bank)

REMOTE - Madrid, Spain

Software Developer - Process Automation

August 2025 – May 2026

- Designed and developed a Python-based internal platform to automate monthly payment processing for 150 employees, reducing a 20-hour financial workflow to 4 hours (80% efficiency gain).
- Integrated AWS S3 for document handling and implemented a database-backed system to manage users, coordinators, and validation workflows through a custom UI.

IE UNIVERSITY (IEU) - TALENTS & CAREERS

Madrid, Spain

Data Analysis and Business Development Intern

November 2024 – July 2025

- Facilitated the data migration process of students and university staff to a new platform. Cleaned and validated datasets while coordinating stakeholder inputs.

BRACE DEVELOPERS – SOFTWARE DEVELOPMENT COMPANY

Madrid, Spain

Junior Developer (Full Stack)

November 2023 – September 2024

- Developed and shipped ~90% of the company website from architecture to deployment readiness. Built with responsive React/TypeScript components on a consistent component library and SEO-friendly page structure.

Extracurricular Activities

- Model United Nations:** Delegate + Chair across 8 conferences; earned Best Delegate and Best Position Paper awards.
- Hackathons & Data Competitions (9+ since 2020):** [Cursor](#) Hackathon, top 10 of 100+ teams (2026); [NTT Hackathon](#), 3rd place, time-series forecasting (2025); [IE Sustainability Datathon](#), 3rd place, demand forecasting for Ryanair (2024); [A Viz to Remember](#), 1st best data infographic, 2nd storytelling, 3rd data analysis (2023).

Additional Information

- Computer/IT Skills:** Python, SQL, R, JavaScript/TypeScript · React, Next.js, Tailwind CSS · ComfyUI, Ollama, llama.cpp, LLM usage (local + hosted APIs) · Postgres, AWS (S3), Docker, Linux/VPS administration, Git/GitHub Actions CI/CD, AI dev workflows (BMAD).
- Languages:** Spanish (Native). English (C2). French (Intermediate).