

MARIO MOJARRO RUIZ

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EDUCATION

University College London (UCL)
BSc. Computer Science – Intelligent Systems IEP
First and Second Year: 1st class Honours.

Expected in Jun 2027

Centro Docente María
Título de Bachillerato y Prueba de Acceso Universitario
Graduated Bachillerato with 9.95/10. First of my promotion, receiving the “Matrícula de honor” distinction.
Scored 13.75/14 in Spanish PAU (top 0.5% of 340000 candidates).

EXPERIENCE

Founding Software Engineer, Futurelabs
London, UK

Sept 2025 – Ongoing

- Created automated end-to-end workflows for The Fore to streamline volunteer–charity matching and feedback, reducing administrative overhead and enabling real-time CRM updates without manual intervention.
- Led the development of an automated workflow for The Fore that matched 1000+ volunteers to suitable opportunities based on skills, generated AI-driven opportunity descriptions, and delivered personalised updates to volunteers.

Backend Developer Intern, Freepik
Málaga, Spain

Jun 2025

- Built a PHP-based modular backend system, gaining hands-on experience with backend logic, version control, and structured code development.

Software Developer Intern, Aprox Iberia & Distribuciones Mylar S.A.U.
Seville, Spain

Jan 2025

- Designed and implemented an end-to-end attendance management application for mobile and desktop, integrating the software with a physical attendance terminal to centralise employee attendance data.
- Contributed to the development of a web application for managing warehouse inventory and logistics operations.
- Implemented and maintained virtual machines, increasing infrastructure efficiency and flexibility

Frontend Developer Intern, TIER1 Technologies, S.A
Seville, Spain

Dec 2024

- Collaborated on visual improvements for a live product based on client brand requirements.
- Assisted with modifying dynamic content and adjusting layouts to support a consistent look that aligns with the client’s brand identity and overall aesthetics.

Projects

SYCRA – Technical Co-Founder
Real-time AI call intelligence and CRM automation platform

2026

- Lead the end-to-end technical design and full-stack implementation of a real-time call intelligence platform that processes audio asynchronously across CPU and GPU workloads, extracts relevant actions and information from conversations using AI, and automatically executes the corresponding updates and tasks within connected CRM systems.

Prompt Injection Protection – UCL IXN x Avanade
LLM security testing framework

2025 – 2026

- Design and develop a framework for evaluating LLM applications against prompt-injection attacks, combining standardised and custom adversarial testing, Garak-based scans and mitigation workflows; the framework is currently used internally by Avanade.

Additional projects available at mariomojarro.com.

SKILLS

Languages:

Backend:

Frontend:

Tools & Infrastructure:

Python, Java, C, PHP, TypeScript, SQL

FastAPI, REST APIs

React, HTML, CSS, Vite

Git, Docker, Make