

Asier Párraga Vicente

Computer Engineering Student & Systems Enthusiast

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Profile

Computer Engineering student at the Barcelona School of Informatics (FIB - UPC) with a strong focus on Systems Architecture, Linux Environment Administration, and Quantum Computing. Active open-source advocate and Vice Secretary of LinuxUPC, experienced in organizing technical workshops and delivering community outreach on free software tools.

Education & Experience

Bachelor's Degree in Computer Engineering

Barcelona School of Informatics (FIB) – UPC

2025 – Present
Barcelona, Spain

- Currently in 2nd year. Special interest in Operating Systems, Computer Architecture, and Quantum Computing.

Vice Secretary & Tech Communicator

LinuxUPC Association

2025 – Present
Barcelona, Spain

- Organizing and delivering technical workshops on Linux administration, system performance optimization, and open-source software tools for university students.
- Managing internal association administrative operations and promoting free software culture at UPC Campus Nord.

Technical Skills & Languages

Systems & OS: Linux Administration (Debian, Linux Mint), Operating Systems Architecture.

Programming & Markup: C / C++, HTML, CSS, Google Apps Script, $\text{\LaTeX}$.

Tools & Hardware: Git, GitHub, Embedded Systems (Raspberry Pi).

Languages: Spanish (Native), Catalan (C1), English (B1 – High School Graduate Level).

Projects & Activities

High School Final Research Project: Data Storage System

2025

Database & Cloud Services Project

- Researched and developed a cloud-based data management system using Google Apps Script for a student center with over 1,000 active users.
- Engineered database architecture and UI workflow to ensure high accessibility, security, and low latency.

LinuxUPC Workshop: Open-Source Alternatives & Performance Optimization

2025

Workshop Facilitator – LinuxUPC

- Designed and conducted a hands-on technical workshop focused on Linux distribution setups, performance monitoring, and open-source tools for system optimization.