

# RICARDO PEREZ

[Github](#) | [LinkedIn](#) | [Web Portfolio](#) | [rickypcyt@gmail.com](mailto:rickypcyt@gmail.com) | [+34 695 461 534](#)

## SUMMARY

Currently studying Software Engineering in Spain. Passionate about coding, creating innovative projects, and improving UI/UX design for the best user experience. Deep interest in understanding how programs work under the hood and exploring programming languages in depth. Focused on building both functional and visually appealing applications.

## WORK EXPERIENCE

### Commercial Assistant, Shrimp Export Company

May 2022 - May 2023

- Worked in systems department initially, then transitioned to sales as commercial advisor.
- Managed client communication and oversaw order fulfillment from inception to production and shipment.
- Developed organizational, collaborative, and client communication skills.

## PROJECTS

### Uni Tracker



Application to manage university tasks and activities using React and Supabase.

### Macroview



Finance website using IMF and World Bank APIs, with comparative tables and dashboards.

### 3D Object Manipulation



Project using Three.js for manipulating 3D objects in React.

### Music4Study



Web app featuring ambient music for improved concentration.

### C++ Game Engine



3D game engine developed from scratch in C++ using SDL2 and OpenGL, including physics, rendering, and resource management.

### Supermarket Invoice Analyzer



Python program designed to analyze invoices from Spain's largest supermarket chain.

## EDUCATION

2009 - 2022 High School Diploma, Colegio Alemán Humboldt, Ecuador

(GPA: 8.39/10)

2022 - present Engineering Student, Spain

## SKILLS

Languages JavaScript, Python, C++

Frontend React, Next.js, Vite.js, Tailwind CSS, CSS, HTML5 Canvas

Backend / DB Supabase

Graphics / 3D ThreeJS, SDL2, OpenGL

Other Windows API, Selenium, Tkinter, IMF/World Bank APIs

Specialties UI/UX Design, Game Development, Web Applications, Data Manipulation