

Kristian Benítez

Computer Science Student

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Tech Stack

Programming Languages

Java, Python, C, C++,
JavaScript, SQL, Bash,
TypeScript, PHP.

Web & Frameworks

React, Astro, Django,
Tailwind CSS, Bootstrap, HTML,
CSS.

Tools & DevOps

Linux, Docker, Git, Windows.

Soft Skills

Problem-solving, Teamwork,
Persistence, Mentorship,
Self-taught Learner.

Languages

Spanish (Native)
English (Intermediate)
French (Conversational)

Education

B.S. in Computer Science

UNAM
2024 - En progress

Computer Specialist Technician

UNAM
Certified Degree (2023 - 2025)

Android Dev
Institute for Research in Applied
Mathematics and Systems (IIMAS)
Technician Course (2025)

Profile

Computer Science student at UNAM focused on **Operating Systems** and **Applications Development**. Dedicated to building optimized, scalable, and maintainable software solutions through clean code practices.

Projects

Remote Laboratory Platform

(Social Service) IIMAS – UNAM (2024-2025)

Full Stack (React/Django)

Developed for the **Institute for Research in Applied Mathematics and Systems (IIMAS)** to facilitate remote circuit programming.

- Collaborated on the Frontend interface using **React** alongside UI/UX designers for academic accessibility.
- Built robust RESTful APIs for the backend using **Django** to manage simulation queues.

Image Edge Detection

Academic Project - (2025)

High Performance Computing

Digital image processing software focused on efficiency and concurrency.

- Implemented the **Sobel Operator** algorithm for precise edge detection in high-resolution images.
- Utilized **Java Threads** to reduce processing time via parallel execution.

Fixibar (Hyprland Env)

Open Source (2024 - Present)

Linux Customization

A highly customized environment for **Hyprland**, focusing on system monitoring and workflow efficiency.

- Implemented **async polling** in Python for non-blocking I/O data fetching.
- Created custom native desktop widgets using **GTK**.

Personal Portfolio

Web Dev (2025)

Performance & SEO

High-performance personal website built with **Astro**'s island architecture.

- Implemented **SSG (Static Site Generation)** to ensure instant load times and SEO optimization.
- Developed a reusable component library using **TypeScript**.

Community & Research

Hackers Fight Club

Security Research

Member - 4th Generation

Active participant in an ethical hacking community. Focused on cybersecurity research, CTFs (Capture The Flag), and responsible disclosure practices.