

Cristian X. Acevedo Hernández

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Software Engineer | Full Stack Developer

EDUCATION

Holberton Coding School - Ponce, Puerto Rico; July 2026
Software Engineering Intensive Program

Universidad Interamericana de Puerto Rico - San Germán, Puerto Rico
Completed coursework toward a Bachelor's degree in Computer Science (2024) and Biology (2022)

Mech Tech College - Mayagüez, Puerto Rico; 2023
Technical Program - Automotive Technology

TECH STACK

- Programming Languages: Python, C, JavaScript, TypeScript, SQL, Bash
- Databases: MySQL, PostgreSQL, SQLite, MongoDB, Supabase
- Operating Systems: Linux (Ubuntu), macOS
- Testing tools: Unit Testing, debugging with GDB
- Frameworks: Flask, Node.js, Express, React, Vite
- Development Tools: Git, GitHub, Docker, Trello, Slack, VS Code, Google Sheets, Excel, JWT Auth
- AI development tools: GitHub Copilot, ChatGPT, Claude (used for debugging, code suggestions, documentation support, and development assistance to improve code quality, efficiency, and problem solving)
- Languages: Bilingual Spanish (Native) and English (Professional)

EXPERIENCE

Holberton Coding School - San Juan, Puerto Rico

ThreatScope – Network Intrusion Detection System (NIDS)

May 2026 - July 2026

- Developed a real-time network intrusion detection web application with 2 other developers that monitors live network traffic and visualizes cybersecurity threats through a React/Vite dashboard, with JWT-authenticated access and an integrated AI analysis panel for threat insights.
- Built with: Python, FastAPI, React, Vite, Supabase (PostgreSQL), WebSockets, Docker, RESTful APIs, JWT Auth
- Role: Full-Stack Dashboard Developer

Hbnb Project - FullStack Developer

Jan 2026 - March 2026

- Developed a web application similar to Airbnb that allows users to create accounts, list properties, and browse available places.
- Built with: Python, Flask, HTML, CSS, JavaScript, SQLite, RESTful APIs
- Implemented backend logic and database integration to manage **users, places, and reviews** while ensuring data persistence.
- Role: Full-Stack Developer working on backend APIs and frontend interface.

Simple-shell project:

October 2025

- Built a custom Unix command-line interpreter capable of executing basic shell commands and interacting with the operating system.
- Built with: C, Linux system calls, GCC, Git
- Implemented command parsing, process creation, and execution using **fork, execve, and wait** system calls.
- Role: Systems/Backend Developer focusing on low-level programming and operating system interaction.

ADDITIONAL EXPERIENCE

Walmart - Associate

Mayagüez, Puerto Rico | 2023-2025

- Assisted customers and maintained store operations in a fast-paced environment
- Developed strong communication and teamwork skills

Mech Tech College, LCC - Office Assistant

Mayagüez, Puerto Rico | 2023

- Organized documents and assisted with administrative tasks

Shell Gas Station - Cashier

Cabo Rojo, Puerto Rico | 2023

- Operated and managed the store independently during closing shifts, ensuring smooth operations and secure end-of-day procedures