

Julio Cuello

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OBJECTIVE

Aspiring Software Engineer and Cybersecurity Intern with hands-on experience in full-stack web development, RESTful API design, cloud database integration, and secure system deployment. Seeking an internship to apply and expand technical skills in a collaborative Agile environment, contributing to scalable software solutions.

EDUCATION

Universidad Politecnica de Puerto Rico

Hato Rey, PR

Bachelor of Science in Computer Science

August 2022

Relevant Coursework: Programming Fundamentals, Discrete Mathematics, Data Structures, Software Engineering, Database Systems, Object-Oriented Programming

EXPERIENCE

C++ Tutor

November 2024 – May 2025

Universidad Politecnica de Puerto Rico

Hato Rey, PR

- Tutored 3 students in algorithmic problem-solving using C++ with the APC (Analyze, Pseudo, Code) methodology.
- Enhanced student code quality and debugging proficiency, contributing to improved academic performance and retention.

Information Technology Intern

July 2024 – August 2024

Stryker

Arroyo, PR

- Deployed 100+ corporate devices using PXE boot and secure network provisioning in compliance with enterprise endpoint protection policies.
- Integrated YubiKey-based 2FA systems for cleanroom access, enhancing zero-trust security and reducing access-related tickets by 10%.
- Provided Tier 1+ IT support for 45 employees, resolving technical issues including printer setup, user authentication, and malware mitigation.

PROJECTS

Polisports – Fullstack Developer | *Next.js, Tailwind, Typescript, Supabase*

January 2025 – Present

- Developed a responsive athletics platform with real-time data fetching, team schedules, and athlete stats powered by a cloud-hosted PostgreSQL backend.
- Designed and implemented secure RESTful API endpoints using Supabase with row-level security (RLS), JWT-based authentication, and role-based access control (RBAC).
- Crafted a mobile-first and desktop-optimized front end using Next.js App Router, Tailwind CSS, and dynamic client-side routing to ensure seamless user experience across devices.

Real Estate Manager | *Python, PyQt5, MySQL*

April 2025 – May 2025

- Designed a desktop-based CRUD application with user-friendly interface for real estate property tracking and document management.
- Applied OOP principles to ensure modularity, code reusability, and maintainability.
- Used version control (Git) and followed Agile delivery cycles for iterative testing and deployment.

TECHNICAL SKILLS

Coding Languages: Python, C++, CSS, Typescript, HTML, SQL

Frameworks/Libraries: React, Next.js, Tailwind CSS, PyQt5

Backend Databases: Supabase, RESTful APIS, Postgre SQL

Concepts: Object-Oriented Programming, Agile Development, TDD