

Oscar A. Romero Barbosa

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EXPERIENCE

Involve LLC -> Front-End Intern

March 2024 – April 2024

- Redesigned UI/UX for Laravel projects, including the company landing page.
- Developed and maintained front-end components using **Angular**.
- Converted design mockups into responsive **HTML, CSS, and JavaScript** implementations.

Raytheon UAS University Innovation Project -> Software Engineer

January 2024 – March 2024

- Designed Python scripts to enhance autopilot functionalities for drones and autonomous vehicles.
- Assisted in the **assembly and integration** of hardware components for optimal drone performance.

PROJECTS

Chef Claude: AI-Powered Recipe Generation Web Application ([Project Link](#))

TypeScript | React | Tailwind CSS | Claude AI API | Markdown

- Built a **web app** that generates AI-powered recipe suggestions based on user-provided ingredients.
- Implemented **Markdown formatting** for enhanced recipe readability.

Borinquen Picks: Android Application for Local Attraction Recommendations ([Project Link](#))

Kotlin | Android SDK | Jetpack Compose | Firebase Storage | Firebase RealTime Database

- Developed an **Android app** recommending Puerto Rican attractions with categorized browsing.
- Integrated **Firebase Storage** to display rich media content dynamically.
- Utilized **Firebase Realtime Database** to store and retrieve attraction details efficiently.

RomeroBlog: Flask-Based Blog Application ([Project Link](#))

Python | HTML | Bootstrap 5 | SQLAlchemy | Flask | Flask-Login | Flask-CKEditor

- Created a **full-stack blog** with user authentication, post management (CRUD), and commenting features.
- Implemented **Flask-Login** for secure authentication and **Flask-CKEditor** for a rich-text editing experience.

SKILLS

Programming Languages: C#, PHP, Python, Typescript

Front-End: HTML, CSS, React, Angular, Astro, TailwindCSS

Back-End: Flask, ASP.Net, Laravel

Mobile: Android SDK, Jetpack Compose, Kotlin

Databases: SQL Server, MySQL

Tools: Git, Github, Firebase

Languages: Spanish (native), English (B2)

EDUCATION / CERTIFICATIONS

Bachelor of Science in Computer Science

May 2024

Inter American University of Puerto Rico, Bayamon Campus

Google Cybersecurity Professional Certificate

August 2024

Coursera