

Jessy Andújar Cruz

jessy.andujar@upr.edu | (787) 548-2787 | [Github Portfolio](#) | jessyandujarcruz.com | [LinkedIn Profile](#)

EDUCATION

University of Puerto Rico, Mayagüez Campus

May 2026

Bachelor's of Science in Software Engineering, Minor in Marketing

GPA: 3.12 / 3.46

Coursework: Algorithm Design and Analysis | Data Structures | Advanced Programming | Fundamentals of Computing

Technical Skills: JavaScript, TypeScript, HTML, CSS, React, React Native, Saas, Python, Next.js, C++, Java, SQL

EXPERIENCES

Meet Your Finance | Summer Internship

Front-End Developer

May 2024 - July 2024

Meet Your Finance (MYF) provides financial education and tools to help individuals in Puerto Rico manage their personal finances and achieve financial freedom.

- Developed the UI for a financial courses website, enabling high school students to learn financial skills, using **CSS** and **responsive design**.
- Built the routing structure to improve navigation and performance, using **Next.js** for efficient server-side rendering and client-side routing.
- Developed and managed API integrations by creating a centralized api service module utilizing **Axios**.
- Implemented **react-i18next** to enable bilingual localization for seamless Spanish and English translations.
- Conducted robust form validations for authentication and other functionalities using **TypeScript** and **React** hooks.
- Integrated **Chart.js** to display survey data through doughnut and radar charts.

RUMBus | UPRM Project

Front-End React Native Developer

January 2024 - August 2024

RUMBus is an app that provides real-time bus schedules, live bus locations, and alerts users about transportation issues and updates.

- Implemented app styles on iOS and Android using **CSS** to ensure consistent user experience by following design specs.
- Integrated **React Navigation** to display user locations and routes to bus stops.
- Launched the app to **Android App Store** to ensure release by coordinating requirements and assets.
- Set up data connections for real-time bus schedules, resolving delays and improving transit for all 12,500 campus students.

Evolving Space | Web3 non-profit organization

Vice-president

June 2023 - January 2024

Aims to create student-led communities across universities for seminars, workshops, hackathons, and projects using Web3 tools.

- Led workshops to inform individuals on Web3 by explaining its applications in different industries.
- Organized fundraising and recruitment efforts to expand the association, growing the community from 6 to 25 students.
- Helped students develop Web3 projects to explore new technologies through hands-on guidance.

International Collegiate Programming Contest | ICPC

Participant

May 2023 - January 2024

The ICPC is a prestigious algorithmic programming contest where university teams solve complex real-world problems.

- Applied **data structures** (e.g., binary trees, hash tables, graphs) and **algorithms** (e.g., dynamic programming, greedy algorithms, BFS, DFS) to optimize solutions for complex problems and efficiently tackle diverse programming challenges.
- Integrated pair programming and code reviews to improve collaboration and maintain high-quality code.

PROJECTS

RegiUPR: An app aimed at replacing the university's Putty GUI for course registration, where I handle backend and database tasks with Python and MySQL Connector to optimize data management. (Present)

Portfolio: Created a portfolio website to display my projects and demonstrate my development skills, using React and CSS. (04/2024)