

Jaime Garcia, Jr.

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Education

University of Texas Rio Grande Valley

Edinburg, TX

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING, GPA: 3.98/4.0

Graduation: December 2022

- **Activities and Organizations** — Frontera Devs, IEEE, Society of Hispanic Professional Engineers
- **Awards and Honor** — President's List (6x), HSF Scholar
- **Coursework** — Algorithms and Data Structures, Software Engineering I/II

Experience

JPMorgan Chase & Co.

Houston, TX

SOFTWARE ENGINEERING INTERN - CORPORATE AND INVESTMENT BANKING

June 2022 – August 2022

- Designed UI/UX flows in **Excalidraw** for an integrative/responsive dialog component to be utilized by bankers to save sets of peer companies that can be exported and analyzed from various web applications.
- Teamed up with and mentored a co-intern to build the component using **React.js** with **Typescript** and **Storybook** for subcomponent development and front-end implementation.
- Developed a lightweight **Python Flask** API that established connection to the front-end to perform CRUD operations.
- Worked in an Agile Scrum environment utilizing **Jira**, **Confluence**, and **Bitbucket** for project management.

University of Texas Rio Grande Valley

Edinburg, TX

MOBILE SOFTWARE ENGINEERING INTERN - UTRGV DEPARTMENT OF FAMILY MEDICINE

December 2020 – May 2022

- Designed **Figma** UI prototypes for a mental wellness mobile app with UTRGV's Family Medicine department.
- Achieved a MVP with **Flutter** and **Dart** for cross-platform mobile development on both iOS and Android devices.
- Configured continuous integration and deployment pipelines in **Azure DevOps** for running an automated test suite.
- Collaborated with an engineering team and UTRGV faculty stakeholders to help build the app with **Agile** processes.

JPMorgan Chase & Co.

Houston, TX

SOFTWARE ENGINEERING INTERN - GLOBAL TECHNOLOGY INFRASTRUCTURE

June 2021 – August 2021

- Designed **Figma** UI/UX prototypes for an observability dashboard to monitor the health and performance of various microservices used in the firm for managing supply chain.
- Mentored and collaborated with a fellow intern to implement the full-stack application using **React.js** for user interface implementation and **Express.js** to create API endpoints and communicate with a **MariaDB** database.
- Implemented an events monitoring feature in the back-end that consumes and filters **Kafka** topics for display in the front-end user interface.

Projects

solaris (Flutter Mobile Application)

TECHNOLOGIES: FIGMA, FLUTTER, NODE.JS, SEQUELIZE, HEROKU, ESP32

- Designed and implemented **Figma** UI/UX mockups for a **Flutter** mobile application that would handle data visualization for solar panel energy production metric parameters.
- Deployed a lightweight **Node.js** API on **Heroku** that stores solar panel data and communicates with the mobile app.
- Worked with a team to connect an **ESP32** microcontroller system that reads various data metrics from a solar panel.

Leadership

Frontera Devs

Edinburg, TX

TECHNICAL LEAD & CS MENTOR

August 2021 – May 2022

- Led a two-part **Flutter** technical workshop **series** with the intent of exposing UTRGV students to technologies and design patterns outside of the CS curriculum.
- Provided mentorship to an assigned mentee as part of the **Frontera Devs M&M** program by exposing them to different fields in tech and the typical Big Tech interview process.

Skills

Technologies Python, Javascript, React.js, Express.js, Node.js, Dart / Flutter, C++, Git / Github, Azure DevOps, Heroku
UI Design Figma, Dribbble (/jaimegarciarjr), Excalidraw

Certifications

Virtual Software Engineering Intern, InsideSherpa / JPMorgan Chase & Co.
From Data to Insights with Google Cloud Platform, Google / Coursera