

Juan Rios

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Work Experience

Software Developer II, United Parcel Service

Feb 2020 - Current

Skills used: Angular, Puppeteer, SQL, Go, Spanner, PubSub, GKE, Google Cloud Platform

- Rearchitected notification delivery services to be event-driven using Pub/Sub, Go, and GKE
- Refactored notification building services to be more generic using a template-based strategy using Go
- Developed PoC reports feature that increased our user count by 5,000 and saved the company ~1.3 million
- Led globalization backend, frontend, and DB updates allowing the project to support more users
- Refactored over 50 frontend components involving improvements to state handling, accessibility, and typings, making it easier for future developers to implement features faster and with more confidence
- Developed Puppeteer E2E test scripts for some of our more critical application flows
- Ran stand-up meetings, conducted code reviews, interviewed 20 candidates, and mentored 6 total interns

Software Developer I, United Parcel Service

Jan 2019 - Jan 2020

Skills used: Angular, Go, Spanner, Java, Spring Boot, BigQuery, GraphQL

- Built a Go REST API using go-swagger for other teams to consume trailer data in Cloud Spanner
- Built a Go microservice for handling package scan events using Pub/Sub and inserting into Cloud Spanner
- Developed a Java library that handles retrieving and caching data from an external service on a cron
- Converted REST endpoint to GraphQL and implemented the client changes using Apollo Client as a PoC
- Expanded documentation efforts by creating frontend standard guides for styling and best practices

Software Applications Co-op, United Parcel Service

May 2017 - Dec 2018

Skills used: Angular, Typescript, Java, Spring Boot, SQL, Git, Jenkins, OpenShift

- Developed profile management page where users can create, edit, and delete mobile/email subscriptions
- Improved the runtime of a Java database insertion service by more than 250% by making it asynchronous

Undergraduate Research Intern, Carnegie Mellon University, HCII

May 2018 - Aug 2018

Skills used: JavaScript, Node.js, tmi.js

- Developed two open-source Twitch bots to aid HCI researchers in conducting experiments on Twitch

Projects

Rebuild Black Business - <https://www.rebuildblackbusiness.com> - Gatsby, Reactjs, GraphQL

Jun 2020

- A website that helps people find Black-owned businesses to support around the nation
- Worked on About page, 404 page, accessibility updates, and consistent styling for the launch of the site

angular-bing - Angular, Typescript, BingMaps

Sep 2019

- Bing maps implementation in Angular with various map customization options including pins, custom infoboxes, custom pins, zoom levels, and more in an effort to help developers interface with Bing Maps

Education

B.S. Human-Computer Interaction, New Jersey Institute of Technology - Magna Cum Laude - 3.84 GPA Dec 2018