

# Juan Rios

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## Work Experience

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### Software Developer II, UPS

Feb 2020 - Current

*Skills used: Angular, TypeScript, 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
- Worked on application transition from on-prem authentication to using Azure AD and Azure OAuth 2.0
- 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, UPS

Jan 2019 - Jan 2020

*Skills used: Angular, TypeScript, 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

### Software Applications Co-op, UPS

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

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### Rebuild Black Business - <https://www.rebuildblackbusiness.com> - Gatsby, React, 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

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