

Juan Rios

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Work Experience

Software Developer II, United Parcel Service

Feb 2020 - Current

Skills used: Angular, Puppeteer, Go, Spanner, PubSub, GCP

- Led globalization backend, frontend, and DB updates allowing the project to support more users
- Rearchitected notification delivery services to be event-driven by streaming through cloud pubsub
- Refactored notification building services to be more generic using a template based strategy
- 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 5 total interns

Software Developer I, United Parcel Service

Jan 2019 - Sep 2019

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
- Added Spring Filters to Java Backend for Frontend for improved middleware logging and authentication
- 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

Software Applications Intern, United Parcel Service

May 2017 - Aug 2017

Skills used: Xamarin, Sketch

- Designed and developed a proof of concept Xamarin application to handle mobile scanning and processing

Projects

Rebuild Black Business - Contributor - Gatsby, Reactjs, GraphQL

Sep 2019

- A website that helps people find Black-owned businesses to support around the area and around the nation

angular-bing - Angular, Typescript, BingMaps, Cypress

Sep 2019

- Bing maps implementation in Angular with various map customization options

Education

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