

Juan Rios

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Work Experience

Software Developer I, United Parcel Service Jan 2019 - Current

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

- Implemented external Go APIs using go-swagger for other teams to consume our data using Cloud Spanner
- Developed a Go file parsing service that formats and inserts mainframe data into Cloud Storage and Big Query
- Developed a Java library that handles retrieving and caching data from an external service on a cron schedule
- Migrated select REST endpoints to GraphQL and implemented the client changes using Apollo Client
- Aided in microservice globalization through payload and query updates allowing us to support more users
- Ran stand-up meetings, conducted code reviews, and mentored two cohorts of interns (5 total interns)

Software Applications Co-op, United Parcel Service May 2017 - Dec 2018

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

- Implemented design mockups for a profile page that manages user mobile and email subscriptions
- Added Spring Filters to Java Backend for Frontend for improved logging and token authorization
- Improved the runtime of a Java service by more than 250% with additional functionality (~10 mins to ~4 mins)

Undergraduate Research Intern, Carnegie Mellon University, HCII May 2018 - Aug 2018

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

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

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

Web Design Intern, AdamLouis Nov 2015 - Jan 2016

Skills used: JavaScript, HTML, CSS, Wordpress

- Worked with stakeholders to define and implement website redesign deliverables

Projects

waitt - Express, React, Mongo, Twilio Jan 2019

- Full stack application to help businesses manage wait times through an analytical dashboard

angular-bing - Angular8, Typescript, BingMaps Sep 2019

- Bing maps implementation in Angular without external libraries with various customization options

deego - Go Sep 2019

- Common functions for date, time, and timezone tasks for Go projects where a library is too much

gores - Go Aug 2019

- CLI that allows users to view my resume as separate sections or as a whole with a JSON response

Education

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