

# Juan Rios

Email: [juansebrios@gmail.com](mailto:juansebrios@gmail.com) Personal: [juanri0s.github.io](https://juanri0s.github.io) Github: [github.com/juanri0s](https://github.com/juanri0s)

## Work Experience

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**Software Developer II**, United Parcel Service Sep 2019 - Current

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

- Built a microservice in Go for handling package events based on business rules using Cloud Pub/Sub
- Migrated 3 Java microservices to Go and Spanner as part of backend refactoring objective
- Aided in microservice globalization through payload and query updates allowing us to support more users
- Developed Puppeteer E2E test scripts for some of our more critical application flows

**Software Developer I**, United Parcel Service Jan 2019 - Sep 2019

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

- Implemented Go REST API using go-swagger for other teams to consume package data in Cloud Spanner
- Developed a Java library that handles retrieving and caching data from an external service on a cron
- Migrated select REST endpoints to GraphQL and implemented the client changes using Apollo Client
- Ran stand-up meetings, conducted code reviews, interviewed candidates, and mentored 5 total interns

**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 logging and token authorization
- Improved the runtime of a Java database insertion service by more than 250% with additional functionality

**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 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

## Projects

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**waitt** - React, Express, Mongo, Twilio Jan 2019

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

**angular-bing** - Angular, Typescript, BingMaps, Cypress Sep 2019

- Bing maps implementation in Angular with various map customization options

**go-datetime** - Go, Travis CI Sep 2019

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

## Education

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