

# Juan Rios

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## 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

### 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