

Juan Rios

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Experience

Software Developer I, United Parcel Service

Jan 2019 - Current

Skills used: Angular6, Go, Java, Spring Boot, GraphQL, BigQuery, SQL, JUnit

- Migrated select REST-based endpoints to GraphQL and implemented the client changes using Apollo Client
- Developed a Go file parsing service that formats and inserts mainframe data into GCS and BQ
- Developed a Java library that handles retrieving and caching data from an external service on a cron schedule
- Improved the runtime of a Java service by more than 250% with additional functionality (~10 mins to ~4 mins)
- Aided in application globalization that involved microservice version upgrades and updates to SQL and BQ queries
- Implemented Spring Filters across microservices for improved logging and token authorization
- Improved team documentation for on-boarding, front end best practices, style guides, package publishing, and more
- 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: Angular4, Typescript, C3.js, Jenkins, OpenShift, Karma, Jasmine

- Implemented design mockups for a profile page that manages user mobile and email subscriptions
- Developed a map data visualization that allows the company to manage package forecast expectations across the U.S.

Undergraduate Research Assistant, New Jersey Institute of Technology

Jan 2017 - Dec 2018

Skills used: SPSS

- Analyzed a national dataset of over 10,000 seniors to evaluate the relationship between internet support and literacy

Undergraduate Research Intern, Carnegie Mellon University, HCI

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

Teacher's Assistant, New Jersey Institute of Technology

Jan 2018 - May 2018

Skills used: SPSS

- Helped students with qualitative and quantitative analysis assignments for two UX Research classes (IS375, IS448)

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

Education

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

Dec 2018

Publications & Awards

- *Toward a Twitch Research Toolkit: A Systematic Review of Approaches to Research on Game Streaming*. CHI Play '19
- *Effect of Internet Literacy in Understanding Older Adults' Social Capital and Expected Internet Support*. CRR '19
- *How Users Choose a Face Lens on Snapchat*. CSCW '18
- *A Hot Bot: Testing Effect of Temperature on Feelings of Closeness When Interacting With a Chatbot*. GROUP '18

- Cutting Edge Award UPS Internal Hackathon '17