Tommy Carrascal

Carrascalx@gmail.com
(786)-317-0856

Linkedin.com/in/CarrascalT
Github.com/Tommy2016x
TommyCarrascal.me

EDUCATION

- **Florida International University** — Miami, FL
  Computer Science B.A; GPA: 3.40 — *Expected: December 2020*

SKILLS

- **Languages**: Java, JavaScript, Python
- **Front End**: React, React Native, Sass

Back End: NodeJS, Express, Flask, MongoDB, MySQL

Miscellaneous: Heroku, Digital Ocean, Jenkins, Linux

EXPERIENCE

- **Lyft** — Seattle, WA
  Software Engineer Intern — *May 2020 - August 2020*
  - Created a new internal frontend service setting up the envoy network configuration, GitHub Repo, and VPN/security protocols working with multiple services across the Lyft architecture.
  - Migrated internal backend endpoints to new public endpoints in **Flask**. Implemented ACL permission requirements.
  - Migrated a legacy Angular service to a new **React** app implementing the UI, functionality, and architecture from scratch.
  - Helped identify and report issues for Lyft's internal frontend build service and related documentation.

- **GoDaddy** — Tempe, AZ
  Software Engineer Intern — *May 2019 - August 2019*
  - Worked on Gasket, an in house web framework used by engineers across product teams at GoDaddy. Created a webpack plugin to track bundle sizes, made improvements/bug fixes to the CLI, and contributed to the open source release.
  - Created a partial AST parser to automatically generate JavaScript code from inputted data in **React**.
  - Made front end styling improvements/bug fixes to tools used by other engineers in **React**.
  - Contributed to the design and implementation of data structures used for an internal documentation site generator.

- **Boatrax** — Miami, FL
  Software Engineer Intern — *May 2018 - August 2018*
  - 1 of the 3 main developers in boat monitoring IoT startup
  - Designed and implemented web components in **React** and created a geo-fencing tool with Google Maps API.
  - Designed database schemas with **MySQL** and wrote API functions in **PHP** to query the data.
  - Worked on an IoT platform in **Node** and wrote functions to process and perform calculations on real-time data.

PROJECTS

- **ShellHacks Software**
  Backend Platform and Admin Dashboard
  - Developed the **REST API** for our hackathon to handle the registrations, emailing services, and resume uploads for the event. Built with **Express**, **MongoDB**, and deployed to **Heroku**. Recieved over **2000** registrations total.
  - Created a **React** app for the organizers to handle acceptances, view registration statistics, and send push notifications.

LEADERSHIP

- **Upsilon Pi Epsilon - Executive Board**: Directed the software development workshop program for a CS organization of over **600** members in 2019. Regularly attract over **100** attendees per workshop on average and manage a committee of student volunteers.

- **ShellHacks - Organizer and Lead Back End Developer**: Planned and organized the technical workshops for ShellHacks 2019, a hackathon of over **1000** participants. Led the back end development team to create the API for the event.