Tommy Carrascal

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Skills

- **Languages**: Java, JavaScript/TypeScript, Python
- **Front End**: React, NextJS, SASS

Back End: NodeJS, Flask, MongoDB, MySQL
Cloud: Heroku, Digital Ocean, AWS S3

Experience

Lyft — New York, NY
Software Engineer — *February 2021 - Present*

- Created Driver Onboarding 2.0 (DO2), a **React** application used by thousands of users a day for submitting their information to sign up to drive for Lyft. Created the page for drivers to submit requirements and created re-usable server-driven form components
- Proposed and led the development of a progress bar and time estimations on DO2 for drivers completing the onboarding flow. Worked with with engineers, designers, and data analysts to deliver feature on time.
- Migrated a legacy Angular application used internally to manage vehicle information and driver documents to a new **React** app. The new service is currently being used by hundreds of agents on a daily basis.
- Introduced Zendesk support chat on DO2 frontend for drivers to talk to support directly.

Exponent — San Francisco, CA
Software Engineer (Contract) — *September 2020 - December 2020*

- Implemented **Google SSO** on the main site for easier user registration/login
- Wrote scripts to automate saving recorded video interviews to **AWS S3** buckets
- Re-designed web pages and UI components in **React**
- Worked with **Stripe API** to introduce international payments and dynamic currency displays on the site

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 tests 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.

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.

Education

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