

# ANDY POON

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## SKILLS

Languages : JavaScript (ES6+)/Typescript, HTML, CSS, Python

Technologies: React, Redux, Node.js, Express, Gulp, Sequelize.js, PostgreSQL

## WORK

### Ceridian

Software Developer - Platform, Toronto, ON.

Mar. 2019 - Present

- Developed lazily loaded and virtualized Tree component which reduced initial load time by 90% for large organization hierarchies with 50k+ nodes. To do this I had to teach myself how to integrate a React component with a custom state management solution and other front end frameworks.
- Developed and tested custom stores for paginated data using the Redux pattern while keeping interfaces same as existing stores for simple reuse and integration. (TypeScript, React, HTML, CSS, Stylus, Mocha, Chai)

Software Developer Intern - Platform, Toronto, ON.

Jan. - Mar. 2019

- Built and published Tree demo components using Storybook.js to centralize shared UI components which can be viewed at an internal url. This provided other teams a central location to experiment with shared components in a sandbox environment.
- Published common components and utilities as a private NPM library to streamline developer workflow. This enabled a team to begin development on new features using our shared utilities and components. (TypeScript, React, HTML, CSS, Storybook.js, Gulp)

## PROJECTS

Collaborative mapping for tour groups - Group - <https://herd-tour.com>

Sep. - Oct. 2018

- Developed real time location feature and location history heat map feature by teaching myself Firebase. Learned how to integrate Google Maps with React and how to build a mobile first progressive web application. (Google Maps, React, Redux, Material-UI, Firebase, Heroku)

Trip timer - Individual - <https://stackathon-trip-planner.firebaseio.com/>

Sep. 2018

- Developed a web application to show a user the locations they can currently reach based on a timer and live travel time data. (React, Redux, Material-UI, Google Maps)

E-commerce website - Group - <https://brain-juice.herokuapp.com>

Sep. 2018

- Built pages and REST API routes for reading and updating products and created a persistent cart for guest checkout that merges with the user's cart upon login. Collaborated with other developers and learned how to integrate various technologies into a Full stack application. (React, Redux, OAuth, Passport.js, Material-UI, Node/Express, Sequelize.js, PostgreSQL, Heroku)

## EDUCATION

Fullstack Academy - New York City, NY

Jun. - Oct. 2018

Full Time JavaScript Software Engineering Bootcamp

University of Toronto - Toronto, ON

Sep. 2013 - Jun. 2017

Bachelor of Applied Science in Civil Engineering with Honours