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 500ms when loading 50k+ nodes and also prevented the page from freezing. To do this I had to teach myself how to integrate React with other JavaScript frameworks within a legacy application.
- Developed and tested custom state management tools for paginated data using the Redux pattern while keeping interfaces the same 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 with 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 -   bit.ly/2OEU1lc
- 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 - bit.ly/2VCCQ5d
- 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 - bit.ly/3172sIB
- 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
Software Engineering Immersive
University of Toronto - Toronto, ON   Sep. 2013 - Jun. 2017
Bachelor of Applied Science in Civil Engineering with Honours