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Work Experience

Front End Developer

Slice Labs

May 2021 – Dec 2021

- Ported the codebase from **Flow** to **TypeScript**, improving dev experience, type/error checking and modernizing the tech stack.
- Discovered and squashed bugs, implemented enhancements to improve upon web functionality and performance (refactor deprecated code, improve the logic behind components, etc).
- Developed interactive web pages with **ReactJS** to create the user flow of a Slice product.
- Created a custom **ReactJS** date input component so users around the world have a consistent experience inputting dates.

Software Developer

Ross Video

Sep 2020 – Dec 2020

- Fixed graphics and logic bugs written in **C** with the **GTK** library already existing in the codebase to improve the software's UX.
- Enabled standardization of the hardware's (production switchers) ability to interpret levels of sound by adding options for the user to adjust their decibel values.

Server Side Cloud Developer

Enghouse-Espial Inc.

May 2020 – Aug 2020

- Developed a **RESTful API** deployed on **AWS** to be used for internal testing of a new feature; test coverage by 100%.
- Wrote **automated Mocha tests** for features being developed at the time so the features would have 100% test coverage for production.

Projects

Sundial

- Developed a mobile, weather-aware, mobile app with a group of other developers using **React Native**, **NativeBase**, **Flask** & **SQLite**.
- Implemented various screens and ensured the app's settings remained consistent throughout sessions, improving Sundial's UX.

ImGhosh

- Worked with three other developers to develop a **ReactJS** image hosting website which lets users view, add and delete any image.
- Created the 'upload' page with UX in mind; users have various ways (images can be: uploaded from storage, copy-pasted, or dragged into the site) to upload images to ImGhosh.

Skills

- **Web** JavaScript, TypeScript, ReactJS, React Native, HTML, CSS,
- **Languages** Python, Java, C, C++
- **Databases** MongoDB, DynamoDB, PostgreSQL
- **Tools** Git, SVN, MochaJS, Flow, Docker, Figma, Webpack, Babel

Education

Carleton University

B.S. Computer Science

Software Engineering Stream

Graduating May 2023

GPA 3.9/4.0

I Also Am A

SpaceLab Developer

- Working with a group of other developers to invigorate the **ReactJS** SpaceLab website.

cuBlueprint Team Lead

- Designing and creating a new and improved **ReactJS** cuBlueprint site.

cuHacking Organizer

- Developing an **Electron**, **ReactS** and **TypeScript** map editing tool that reads geojson data to build and edit maps.
- The tool will be used by cuHacking to create an interactive map, guiding **600+** attendants.

Teaching Assistant

- Hosted workshops to teach fundamental skills (e.g. Git) to **50+** students, covering material beyond the course's scope.
- Nominated for an 'Outstanding TA' award.

Hack The 6ix Mentor

- Assisted winning groups at HT6 with **React** web development concepts.

Tutor

- Tutored math and coding courses, bumping grades up 15% on average.