

Work

Maple Leaf Foods / Information Systems Developer Co-op

April 2018 - August 2018, Mississauga

- Assisted in Co-op recruitment, reviewing resumes and conducting interviews
- Managed a team of 3 coops to implement a React Typescript application for an internal style guidelines to help with brand identity
- Optimized React application using lazy loading, PureComponent, and composite layer CSS, improving first-frame load time

Treasury Board Secretariat / FMG Web Support Co-op

September 2017 - December 2017, Toronto

- Redesigned landing, master, and layout page of SharePoint application, improving accessibility, responsiveness, and aesthetics for 23k users annually
- Assisted with the migration of application from 2010 to 2013. Reviewing test cases to fix bugs and broken code for several sub-sites
- Rewrote scripts to use AJAX with JQuery to use SharePoint API to improve page load time

Team Projects

Hack The Valley III / Developer

August 2018 - Present, University of Toronto Scarborough

- Tasked to develop REST API, landing page, registration platform, and mobile application for upcoming university hackathon
- Created animations and styling for landing page using SASS, utilizing composite layer changes for performance
- Developed React application for registration platform to improve the flow of applications for users and organizers

Link: <https://github.com/hackthevalley>

HowlPlay / Engineer

January 2018 - May 2018, University of Toronto Scarborough

- Tasked to develop REST API, websocket server, and user & admin dashboard for a real-time quiz game for support for 500 users
- Implemented components, such as scoreboard and login, for React application, improving interactivity with CSS transitions and animations
- Contributed to websocket server with neDB, creating broadcasting and protocols, to manage game instances between organizer and users

Link: <https://github.com/wolfbeacon>

Personal Projects

Personal V4

September 2018 - Present

- Created periodically to consolidate my skills and showcase my work
- Implemented using ReactJS, connected-react-router, Redux, and SASS following BEM, to create an responsive and interactive PWA

Link: <https://github.com/fpunny/fpunny>

Education

University of Toronto Scarborough

H.Bsc - Co-op Computer Science

- Expected Graduation, 2021
- 3.56/4.00 GPA

University of Toronto Scarborough

Teaching Assistant

- CSCA67, Discrete Mathematics (Present)

Skills

Web Development

Front-End

ReactJS (CRA, Gatsby) + Redux, Typescript, SASS + BEM, HTML5, CSS3, Javascript (ES6)

Back-End

NodeJS + Express, PHP, Flask

DBMS

Firebase, MySQL, NeDB

Others

Languages

Java (Android), Python, C, sh, LaTeX

Version Control

GIT, VSTS, SVN

Deployment

Azure, Firebase, Heroku

Courses

CSCc73 / Fall 2018

Algorithm Design and Analysis

CSCB63 / Winter 2018

Design and Analysis of Data Structures

CSCB07 / Summer 2017

Software Design