

# Frederic Pun

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## — Work Experience —

### 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 co-ops 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 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>

### MHacks 11 / Frontend Developer

*January 2018 - May 2018, University of Toronto Scarborough*

- Created auto-scheduling React application for small businesses within 36 hours with MongoDB, Nodejs with express, and GraphQL
- Implemented an interactive component which manages and displays the schedule with SASS, which allows for a powerful yet optimized feature
- Awarded first place out of 111 teams

Link: <https://devpost.com/software/autoshyfter>

### 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>

## — Education —

### University of Toronto Scarborough

*H.Bsc - Co-op Computer Science*

- Expected Graduation, 2021
- 3.50/4.00 GPA

### University of Toronto Scarborough

*Teaching Assistant*

- CSCA67, Discrete Mathematics  
(Present)

## — Skills —

### Web Development

*Front-End*

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

*Back-End*

NodeJS + Express, PHP, Flask, GraphQL

*DBMS*

MongoDB, Firebase, MySQL, NeDB

### Software Development

*Languages*

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

*Version Control*

GIT, VSTS, SVN

*Deployment/Integration*

Azure, Firebase, Heroku, Travis CI

## — Courses —

### CSCC73 / Fall 2018

*Algorithm Design and Analysis*

### CSCB63 / Winter 2018

*Design and Analysis of Data Structures*

### CSCB07 / Summer 2017

*Software Design*

Thank you for your time  
I look forward to hearing back