FULLCHEE ZHANG

@ fullchee@gmail.com   📞 416-912-1778

in linkedin.com/in/fullchee-zhang   ⌂ github.com/Fullchee

EDUCATION

B.S. in Computer Science
University of Toronto (St. George)

📅 Sept. 2014 – June 2019   📍 Toronto

- CGPA: **3.83** (out of 4)
- Dean's List: 2015-2017

EXPERIENCE

Developer Volunteer
Courseography (Open Source Project at U of T)

📅 Jan. 2019 – Present   📍 Toronto

- Collaborated with a professor to improve the maintainability of a React app for future volunteers (CI, Testing, Linting, Refactoring, Git Hooks)
- Presented updates at weekly meetings to teach lessons learned and communicating updates
- Applied React, Jest, Webpack, ES2015+ and CircleCI to increase code quality for future contributors

Implementation/QA Engineer
pVelocity Inc.

📅 May 2017 – Apr. 2018   📍 Toronto

- Implemented a commenting specification with Node.js and MongoDB to increase integration and simplify the process for the app implementer and tester
- Automated a cross-platform MongoDB migration using Git and Node.js, saving 10 mins per migration
- Designed and Implemented XML Test Cases to ensure the quality of the product

Software Development Intern
Passionfruit Inc.

📅 June 2018 – Aug. 2018   📍 Toronto

- Improved UI experience by reporting and resolving issues in the React Native app

Teaching Assistant
University of Toronto

📅 Sept. 2016 – Dec. 2016   📍 Toronto

- Preparation was done beforehand to anticipate potential student questions and difficulties to maximize learning
- Scheduled time to mark and answer questions from eight groups during weekly three hour labs

WEB DEV PROJECTS

Car Detail Exchange Web App

📅 Aug. 2016

- SQL: Developed the **REST API** to fetch and update user data from a **MySQL** Server
- Built with Node.js, npm scripts and the Express framework

Educational site on dragon boat calls

📅 Dec. 2017

- Static site for new paddlers to learn dragon boat calls with descriptions and videos

HTML5 Canvas Game

📅 Aug. 2016

- HTML5 Canvas game with jQuery and JavaScript

PYTHON PROJECTS

Machine Learning Python Projects

📅 2017-2018

- Image of Digit Completion using a Mixture of Bernoulli distributions (Oct. 2018)
- Pacman Game Tree Search
- Class scheduler (Constraint Satisfaction Problem)

JAVA PROJECTS

- Online Prim's Algorithm: Scaled to accommodate very large inputs
- Google Scholar Web Scraper with regular expressions

SCRIPTING

- Linux dotfiles repository to automate configuration setup and increase productivity
- post-install scripts for Linux, Mac and Windows to save time after installing a new OS