

Fullchee Zhang

fullchee.github.io

☎ (416)-912-1778 • ✉ fullchee.zhang@mail.utoronto.ca

Education

University of Toronto

Computer Science Specialist B.Sc.

Dean's List Scholar: 2017 Winter, 2016 Winter, 2015 Summer

CGPA: 3.84

Toronto

Sept 2014 – Expected April 2019

Work Experience

Implementation/QA Engineer

pVelocity Inc.

May 2017 – Present

- Start to end implemented a Node.js MongoDB standard for application-wide commenting
- Automated and tested a MongoDB migration to the TeamCity CI process
- Designed and implemented Test Cases in XML

Teaching Assistant: Computer Organization

University of Toronto

Sept 2016 – Dec 2016

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

Web Specialist

Health Out Loud

July 2015 – April 2016

- Created several of the pages on the website at healthoutloud.org
- Built an iframe to display additional information when a profile was clicked

Projects

Car Detail Exchange Web App

<https://hidden-shore-40090.herokuapp.com/>

Aug 2016

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

Built a router in C

Developed a love of debugging with GDB

Nov 2016

- Used a Linux Virtual Machine to program the router
- Built from the mininet to support TCP, ICMP and NAT

Front-end site to learn dragon boat calls

fullchee.github.io/dragonboat-calls

Dec 2017

- Training material to help on-board new paddlers learn calls on the boat.
- Responsive Design with feedback form at the bottom of the page.

HTML5 Canvas Game

fullchee.github.io/delay-the-dark-era

Aug 2016

- HTML5 Canvas game using jQuery and JavaScript
- JS responds to mouse clicks on randomly generated black holes

Java Object Oriented Terminal

Used Scrum, unit tested and documented the commands

Aug 2015

Relevant Courses

- | | |
|---|-------------------------------------|
| ◦ Programming on the Web | ◦ Intro to Databases |
| ◦ Algorithm Design, Analysis & Complexity | ◦ Software Testing and Verification |

Skills

Languages: JavaScript, Java, SQL, C

Other Technical Skills: Git, Node.js, MongoDB, Async programming, XML