

Fullchee Zhang

fullchee.github.io

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Education

University of Toronto

Computer Science Specialist B.Sc.

Dean's List

CGPA: 3.84

Toronto

Sept 2014 – Expected April 2019

Work Experience

Implementation/QA Engineer

pVelocity Inc.

May 2017 – Present

- Planned, presented, implemented and tested a Node.js MongoDB utility that standardizes the application-wide commenting functionality
- Automated and tested a MongoDB migration process that saves half an hour of work after each use.

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

Projects

Added to existing JPacman framework

Dec 2016

- Added functionality and test cases to the JPacman framework in an Eclipse environment
- Reported on code coverage and mutation testing results

Car Detail Exchange Web App

Aug 2016

- Used AJAX calls the API to fetch and update user data with SQL queries
- Created the SQL Schema
- Hosted on Heroku (<https://hidden-shore-40090.herokuapp.com/>)

Online Prim's Algorithm

Oct 2016

- Modified Prim's algorithm in Javan to accommodate very large inputs
- Measured the performance of the algorithm with respect to input size

Relevant Courses

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

Skills

Languages: JavaScript, Java, Python, SQL, C

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