



# Yu Tian

☎ (+1) 236-304-6014 | ✉ yutiagit@gmail.com | 🏠 jimmyrowland.github.io/Portfolio/build/ | 📺 JimmyRowland | 📺 yu-tyan

## Skills

- Back-end** Express, Django, Meteor, VulcanJS, SQL
- Front-end** React, Redux, HTML5, CSS, material-ui, react-spring, three.js
- Programming** Node.js, TypeScript, Python, JAVA, C++, PHP

## Experience

### The University of British Columbia - Centre for Accessibility

Vancouver, Canada

STUDENT ASSISTANT

Jan. 2020 - Present

- My responsibilities include helping students with labs and tutorials, answering questions regarding predicate logic, mathematical proof, and circuit design.

### Build Green Inc.

Los Angeles, United States

CAD DESIGNER

Sep. 2018 - Mar. 2019

- Designed cabinets using Revit and AutoCAD
- Created photo realistic renderings using AutoDesk Cloud Rendering and Vray
- Collected models and shaders for Revit
- Built a photo gallery web application using VulcanJS and react-spring

## Projects

### Portfolio

[HTTPS://JIMMYROWLAND.GITHUB.IO/PORTFOLIO/BUILD/](https://jimmyrowland.github.io/Portfolio/build/)

Mar. 2019

- A fun portfolio animated by react-spring

### SMC grade distribution

[HTTPS://JIMMYROWLAND.GITHUB.IO/SMC\\_COURSE\\_LIST/CLASSLIST/](https://jimmyrowland.github.io/SMC_COURSE_LIST/CLASSLIST/)

Sep. 2016 - Dec. 2018

- A website to help students find the best professors
- Data was extracted from pdf files using tabula-py. pdfquery was used to identify table rows and columns.
- Table was built on easy-ui with customized filtering functions.

### ToDoList

[HTTPS://GITHUB.COM/JIMMYROWLAND/TODOLIST](https://github.com/JimmyRowland/ToDoList)

Sep. 2019 - Dec. 2019

- A to do list app built with JavaFX

### Class Coupling Simulation

[HTTPS://XOP4P.CSB.APP/](https://xop4p.csb.app/)

Jun. 2020

- Class coupling visualization built with p5.js

### CalendarDSL

[HTTPS://GITHUB.COM/JIMMYROWLAND/CALENDARDSL](https://github.com/JimmyRowland/CalendarDSL)

Jun. 2020

- CalendarDSL is a domain specific language that helps users to optimize their schedules.

## Education

### The University of British Columbia

Vancouver, Canada

B.SC IN COMPUTER SCIENCE

Sep. 2019 - Present

- 3rd year standing
- Software engineering | Machine learning and data mining | Computer Graphics

### Santa Monica College

Santa Monica, United States

A.S IN COMPUTER PROGRAMMING, GENERAL SCIENCE, AND MATHEMATICS.

Jan. 2016 - Dec. 2018

- Lenore Bergmann and John Elmer Bergmann Scholarship.