



Yu Tian

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Education

The University of British Columbia

Vancouver, Canada

B.Sc IN COMPUTER SCIENCE

Sep. 2019 - May. 2021

(Expected Graduation Date)

- Average: 91%

Santa Monica College

Santa Monica, United States

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

Jan. 2016 - Dec. 2018

- GPA: 4.0

Skills

Back-end Express, Django, Meteor, VulcanJS, SQL, MongoDB, Apollo Server

Front-end React, Redux, Apollo Client, Next.js, material-ui, react-spring, three.js

Programming TypeScript, Python, Java, C++, PHP, R

Experience

The University of British Columbia - Centre for Accessibility

Vancouver, Canada

STUDENT ASSISTANT

Jan. 2020 - Present

- Helping a with labs and tutorials regarding programming 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
- Built a photo gallery web application using VulcanJS and react-spring

Personal Projects

Portfolio

Mar. 2019

- A fun portfolio animated using react-spring.

SMC grade distribution

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.

School Projects

Team Sporty

Jun-July. 2020

- Team Sporty is a social media platform built with Apollo server and Next.js

Class Coupling Simulation

Jun. 2020

- An N-body simulation built with p5.js that helps developers to visualize class coupling

CalendarDSL

Jun. 2020

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