

# JUSTIN SIU

SOFTWARE ENGINEER

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## Contact

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## Technical Skills

### Programming Languages

- HTML / CSS
- Java / JavaScript
- SQL
- Python
- C/C++
- R

### Applications

- GitHub / GitLab
- Node.js
- React
- GCP
- Docker
- MySQL
- Android Studio
- Microsoft Office
- R Studio

### Operating Systems

- Microsoft Windows
- Linux Ubuntu
- Android

## Languages

Chinese (Cantonese) ● ● ● ● ●

English ● ● ● ● ○

Chinese (Mandarin) ● ● ● ● ○

## PROFILE SUMMARY

Graduated with a computer science major. Seeking a role that will allow me to use my knowledge in the field of the software development area. Motivated to learn more and passionate about web development and developing different applications.

## EDUCATION

### Simon Fraser University (SFU)

May 2018 - May 2021

Bachelor of Science (BSc)

- Major in Computer Science, Minor in Statistic

### Fraser International College (FIC)

Sep 2016 - Apr 2018

UNIVERSITY TRANSFER PROGRAM STAGE II : Computing Science

## EMPLOYMENT HISTORY

### Store Associate at T&T Supermarket, Vancouver

Dec 2022 - Now

- Unpack products and display them in the sales area and assist customers by helping them select products and provide recommendations
- Maintain inventory and product quality and ensure full display of various products
- Keep display and workplace clean and tidy

### Tutorial Tutor at Tsang's Education, Hong Kong

Aug 2015 - Jun 2016

- Teach secondary school students with core mathematics
- Encourage students to have a positive attitude to challenge themselves
- Good communication to help students understand complex concepts and challenges

## PROJECT EXPERIENCE

### EZ PARK, SFU

Sep 2020 - Dec 2020

- Developed a parking ticket application using React and React Native for users to pay for parking space by scanning a QR code
- The application deploy on Google Cloud Platform and using MongoDB to keep the data in the back-end server
- The web application generate QR codes for parking lots allow users to pay by scanning with their phone

## Transferable Skills

- Ability to Multitask
- Ability to Work Under Pressure
- Ability to Work in a Team
- Critical thinking and problem solving
- Fast Learner
- Good Communication

## PROJECT EXPERIENCE

### Covid-19 Data Analysis Project, SFU

Sep 2020 - Dec 2020

- Aggregated Covid-19 data and build two classifier models (AdaBoost and Random forest) from scikit-learn to predict the deceased and recovered rate
- Used RandomSearchCV from scikit-learn to optimize the parameter of both models and compare the models based on their accuracy

### Health Inspection Viewer, SFU

Feb 2020 - Apr 2020

- An Android application using Java language to view the restaurant inspection located in the Fraser Health area
- Setting up a regular update on the inspection dataset and allow users to check if there are any violated restaurants around
- Using Google map API to show each restaurant with inspection detail and track user location with GPS

### Burning+, SFU

May 2019 - Aug 2019

Fitness health webapp - <https://paradox-project.herokuapp.com/burning-plus.html>

- A web app with Heroku and provide a platform to help people getting a healthier lifestyle
- Suggest a workout routine for users based on their choice to gaining muscles and achieving a better physique
- Using API to check the calories with user's daily diet and help them track the change of calories

## EXTRA-CURRICULAR ACTIVITIES

### External Event Director at Hong Kong Society, SFU

Sep 2018 - Dec 2019

- Create events for students to introduce Hong Kong traditions and culture in a university club
- Multitasking through the event to execute everything follow the plan
- Solve the overcome challenges at the event with resilience and adaptability

### Venture Scout at 17th Hong Kong Scout Group, Hong Kong

Sep 2012 - July 2016

- Working as vice president in the committee for 1 year and learn how to build an effective and respectful team
- Create and hold events for boy scouts to train up planning and coordinating skills
- Build team spirit through joining the Venture Scout Competition and foot drill Competition