

# Warren Chan

Phone: 778.240.0109 Email: warrenkawochan@gmail.com

## Technical Projects

### Personal Portfolio Spring 2018

- Learnt CSS, HTML, Bootstrap, and used Ruby on Rails to create web app meant to blog and to showcase projects.
- Used gems for photo attach, syntax highlight, and authentication
- Used APIs as such Sendgrid, Disqus, and AWS S3 for message receiving, comment sections, and files storing in cloud.
- Deployed the app using Heroku and got domain from Namecheap

### InsightUBC Fall 2017

- Developed the system API in Typescript to perform tasks required to run the university and enable effective querying of metadata.
- Implemented an EBNF-based query to transform the data.
- Adapted the project to provision REST endpoints to facilitate remote clients.

### Taxi Service Research Spring 2017

- Improved taxi utilization by predicting trip duration based on attributes such as pickup/dropoff location and time.
- Determined variables importance employing ML methods such as LASS, stepAIC, Regression Tree, and Random Forest.

### Healthcare Database Application Spring 2017

- Built a database application that the staff and patients can make changes to and look up relevant infos such as medical history, prescription, and appointments.
- Designed unique SQL queries to achieve all the features planned.

### Software Construction Fall 2016

- Completed Java implementation of an Android application designed to plot nearest London tub stops/route locations. Additionally displays train arrival times by parsing JSON data.
- Used Junit for testing.

## Hackathon Projects

### Best Buy Technical Support Spring 2017

- To allow customers to search for the nearby technicians for help after they place their orders so as to prevent mismeasurement
- Learned CSS, HTML, and Bootstrap to create a web application for this project

### Public Transit App Fall 2016

- Created an android app where users choose how they want to get from point A to point B with different combinations of transits.
- Utilized Android Studio for GUI elements and implemented the map and features with Java and Google API.

major in computer science, third year  
portfolio: warrenkwchan.com

## Skills/Interests

**Programming:** C/C++ • Java • Python • Typescript • MySQL • PHP • R

**Web/Design:** Ruby on Rails, Heroku, HTML/CSS/Javascript

**Technologies/Framework:** ExpressJS • Jenkins • Oracle • MongoDB • Unix • Jupyter • Tomcat • Matlab • Sublime • Git • RStudio • IntelliJ • Webstorm

**Interests:** Machine Learning • Data Analysis • Advanced Algorithm

## Education

\*B.Sc in Computer Science expected 2019  
University of British Columbia, BC, Canada

\*B.Sc in Statistics expected 2019  
University of British Columbia, BC, Canada

## Awards & Recognitions

\* UBC The Faculty of Science International Student Scholarship Fall 2016

\* Bell Mobility BC Top Performer & Best Service October 2015 & March 2016

## Other Work Experience

\*Sales Consultant 2015-2017  
Bell Mobility

- Sold cellphone plans, provided technical support for walk in clients, sent out weekly announcement
- Trained new employees and was in charge of the store when manager was away