



# Yan Li (Oliver)

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## Technical Skills Summary

Java	Mongo/Express	SQL
Scala	Redux	Git
HTML, CSS, JavaScript	React	Selenium
TypeScript	Node	Chrome Developer Tools

## Work Experience

### Full Stack Developer - UBC SPPH

Aug 2018 – Sept 2019

- Created user-friendly pages accepted by SPPH staff and students.
- Added colored calendar feature and accordions by using UBC library, CSS and JavaScript
- Fixed bugs on SPPH websites by through WordPress.

*Skills: JavaScript, CSS, WordPress*

### QA Developer – Visier Inc.

Sept 2018 – May 2019

- Maintained Selenium automation tests, refined the code base to detect web elements in a consistent, efficient way, provided further coverage of Visier web application workflows and fixed bugs in selenium code base.
- Used REST API endpoints to significantly improve speed and efficiency of test setup and cleanup.
- Pinpointed root causes of selenium bugs and application bugs by analyzing automated test results from Jenkins and server logs, communicated with other teams and filed the bugs in JIRA.

*Skills: Scala, Selenium, REST API, Postman, Chrome developer Tools*

## Personal Projects

### Vanalysis (Hackathon) <https://vanalysis.netlify.com/>

Nov 2019

- Successfully developed an interactive web platform that allows users to analyze and interact with Vancouver city traffic real data.
- Used python library panda and google API to get the geo points efficiently.
- Visualized collision data, traffic data, speed data by filter, graph and map
- Showed the traffic situation by hour
- Built a deployed web application by using Tableau for backend, react, semantic UI for front end, and netlify as deployment platform.

*skills: React, HTML, CSS, JavaScript, Leaflet, Tableau, Google API, python*

### Revents – Mini Meetup

Aug 2019 – Present

- Planning to add photo uploading drag and drop, with resizing and cropping of the images before upload.
- Created a web application based on created-react-app to post events and invite other to join the events.
- Used react and redux to add, delete, modify event details.
- Used Semantic UI to created user-friendly pages.

*skills: React, Redux, HTML, CSS, JavaScript, NoSQL, JSX, Node, Google Map API*



## National Love (Hackathon)

Dec 2017

- Successfully designed a game to help children memorize and recognize national flags by typing the name with the hint.
- The project sparks children's interests to learn by the movable pictures inside the application.

*skills: Java, Java library: JPanel, JLabel, JFrame, BufferedImage, JTextField*

## Academic Projects

### Insight UBC (Group)

Sept 2019 – Nov 2019

- Created a query engine to filter and extra zipped data of UBC courses and buildings.
- Built backend query engine with aggregation to efficiently retrieve information from imported datasets.
- Used scheduling algorithm to allocated classrooms for most of classes with requirements.
- Fully tested the application by white-box testing, Chai, Mocha, Karma.

*skills: Typescript, HTML, JavaScript, Mocha, Chai, Karma.*

### Swolr (Group)

May 2019 – Aug 2019

- Successfully built a full stack web application to allow users to search for local gyms and personal trainers based on preferences, book appointments with trainers, and leave reviews after their training sessions.
- Used HTTP methods for Restful Service to manage the persistent data through Express, Mongoose and MongoDB as back-end.
- Used JavaScript, React, JSX, Redux to implement front-end to main hierarchical and dynamic front-end structure.
- Designed the dynamic and friendly UI, styled with Semantic UI, CSS.
- Built search functionality to filter gym and trainer by React, and links between gyms to trainers, trainers to trainer through react.
- Deployed the application through Heroku.

*skills: React, Redux, HTML, CSS, JavaScript, NoSQL, JSX, Mongo DB, Express, Node*

## Other Experience

### President of the Undergraduate Statistics Society at UBC

2019 – Present

- Planned, organized and held several events such as Halloween Game Night, Valentine Fun Game Night, Welcoming Speech to all statistics students, Career Night etc.

### Marketing Consultant - TELUS

Jun 2017 – Sept 2017

- Outstanding sales skills: achieved door to door sales for 4 customers everyday on average.
- Workshop skills: conducted workshop to new employees about products knowledge, leading the average of 3 customers everyday on average among them.
- Interviewing skills: interviewed new employees and made partial decision for recruitment.

## Education

### Bachelor of Science: Computer Science & Statistics & Minor in Commerce

Aug 2016 – May 2021

The University of British Columbia