



Kaitian Xie

250-718-3189 | xkaitian@gmail.com

GitHub: <https://github.com/algobot76>

LinkedIn: <https://www.linkedin.com/in/algobot76>

TECHNICAL SKILLS

- **Programming languages:** HTML, CSS, JavaScript, TypeScript, Ruby, Java, C, C++
- **Databases:** MySQL, MongoDB
- **Version control systems:** Git
- **Operating systems:** macOS, Windows, Linux

WORK EXPERIENCE

Software Developer (Part-time), *Yummy Fat's Kitchen*

May 2019 – Present

- Building a website based on **React** for a local restaurant with a beautiful UI using **Bulma** CSS.
- Integrating a user-friendly **CMS** such that the restaurant owner could easily update the website contents without contacting the developers.
- **GraphQL** is being employed as the communication protocol between the CMS and the website.
- Using Google's **Firebase** to handle user registration and login.

Software Developer (Co-op), *ModernAdvisor*

Jan – Apr 2019

- Focused on a **Ruby on Rails** app that managed investments for thousands of customers in Canada.
- Improved the UI to by utilizing a combination of **AngularJS**, **Bootstrap** and custom **CSS** stylesheets.
- Wrote **RSpec** unit tests for newly added features to ensure robustness.
- **Protractor** used for **end-to-end testing** our website across multiple browsers.

PROJECTS

Wall Street Visualiza, *Finance Website*

May 2019 – Present

- Created a stock market related website in the **Meteor** framework with React and **Redux**.
- Generating well-designed and interactive charts of stock prices for a list of companies in **D3.js** since their IPOs.
- Adding a search function such that a user could find news reports on a specific company within a given period.
- Setting up a **MongoDB** database to store user accounts and their search history.
- Improving the user experience by sending insightful newsletters on the stock market.

Foodist, *Yelp-Like Web App*

Jan – Apr 2019

- Developed a **RESTful** web app, based on **Express.js**, where users can discover nearby restaurants.
- Wrote an **API wrapper** for Zomato.com (a website similar to Yelp) and published it as an **NPM** package.
- Built a **NoSQL** database with MongoDB in order to store the real business data from a third-party API.
- Utilized **JSON Web Token** for authorization and encrypted passwords with **bcrypt**.
- Sent a confirmation email for a newly registered user via **NodeMailer**.

EDUCATION

3rd Year Bachelor of Science, Computer Science Major

Sep 2015 - Present

University of British Columbia, Vancouver, BC

VOLUNTEER EXPERIENCE

ACM-ICPC 2016 Pacific Northwest Regional Contest, UBC

Nov 2016

- Prepared classrooms for contestants with other volunteers.
- Helped with the contest registration.