

# TszFung Wong, Alvin

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## SUMMARY OF QUALIFICATIONS

Experience with web development involving Javascript, JQuery, Bootstrap, HTML&CSS, and ReactJS  
Android development using Android Studio and Java  
Backend development experience using Python, NodeJS, ExpressJS, AWS, Chef, and Docker  
Source code version control experience with Git and Mercurial

## PROFESSIONAL EXPERIENCE

### **Genesys Laboratories Canada Inc. | Software developer | May 2017 – August 2017**

- Focused on software development on Genesys cloud solutions that are used by many businesses for customer support services
- Responsible for designing and developing software using **Python**, **Chef**, and internal **REST APIs** to validate the deployment of different services for each customer
- Automation development using **Python**, **AWS**, and **Spark** for analysis on server and user data

## PROJECTS

### **The Lemon Law - Web | Backend developer**

- Created a chat application which randomly placed two individuals with opposite genders into their own chat room for 5 minutes.
- Developed chat functionality, server and client communication with **NodeJS**, **ExpressJS**, **Socket.io**
- Utilized **Javascript** to create the middle-end which does the data processing
- Achieved top 10 in EngHacks 2017

### **The Lemon Law - Android | Android developer**

- Responsible for Android development of The Lemon Law chat application
- Developed the frontend in **Android Studio** with **Java** and XML
- Utilized **Volley** library for server-client communication and **Google Firebase** as database of user's chat messages

### **Personal Website - Web | Web developer**

- Visit [alvinwong.herokuapp.com](http://alvinwong.herokuapp.com) to know more about me
- Developed the frontend with **Bootstrap** for responsiveness and **Jquery** for animation
- Created the backend using **NodeJS** and **ExpressJS** for server-client communication and **Gmail API** for user-host communication

### **Hashtag Tracker - Python | Backend developer**

- Created a software that search all tweets containing one particular hashtag
- Developed the backend using **Python** and retrieved data using **Twitter API**
- Used in Toronto Tech Summit 2017 to determine a prize winner

## EDUCATION

### **University of Waterloo | Bachelor of Applied Science – Computer Engineering**

- Expected graduation in 2021