

TszFung Wong, Alvin

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SUMMARY OF QUALIFICATIONS

Backend development experience using Python, Node/ExpressJS, AWS, Redis, REST APIs
Full stack web development involving Ruby on Rails, ReactJS, Bootstrap, MySQL, JQuery
Android development using Android Studio and Java
Experience with low level programming languages such as C/C++, Assembly

PROFESSIONAL EXPERIENCE

Mitre Media | Web developer | January 2018 – April 2018

- Responsible for creating and improving features on Dividend.com product which are used by many US dividend traders
- Full stack development with **Ruby on Rails, MySQL, Bootstrap, JavaScript** and **Rest APIs/gems**.
- Practiced **Test-Driven** and **Agile** software development

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**
- Achieved top 10 in EngHacks 2017

MsgMeForPics – Service | Backend developer

- A service where users can send a text message and receive a photo of their choice.
- Used **Flask** and **Twilio API** for end-to-end communication.
- Retrieved image data with **Flickr API** and image validation with **Google Vision API**.
- Created caching and rate-limit features with **Redis**.
- Utilized **Celery** and **Redis** to store images in **Amazon DynamoDB** in the background.

Hashtag Tracker - Python | Backend developer

- Created a software that search all tweets containing hashtags.
- Retrieved data using **Twitter Streaming API** and processed the data with **Python**
- 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