

# FRANCES CHONG

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## EDUCATION

### UNIVERSITY OF BRITISH COLUMBIA

Bachelor of Science

#### Computer Science

Sept 2014 - Present

Expected Graduation: May 2019

## TECHNICAL SKILLS

### LANGUAGES:

Ruby on Rails

Java

Javascript

Python

Typescript

Go

### TOOLS/TECHNOLOGIES:

Eclipse

JIRA

Git

Microsoft Azure

Postgres

Node.js

AngularJS

SQL

### OTHERS:

Robot Framework

Automation Testing

Agile Methodologies

## ACCOMPLISHMENTS

- Finalist at Microsoft Azure Hackathon (Chum Bucket)
- Top Staff Cadet Award
- Best Bandsman Award

## INTERESTS/HOBBIES

- *Artificial Intelligence* – Created a bot for saving links in Slack
- *Marketing* – Increased URO's Facebook following by 200% in a year (1000 to 2000 likes)

## EXPERIENCE

### Software Developer Intern

*Shopify* (Present)

- Develops authorization for employees accessing the billing using Ruby on Rails
- Periodically fixes bugs and issues on the billing service
- Designs, implements and tests features for billing that is shipped within a day

### Software Developer Intern

*NetApp* (Sept – Dec 2017)

- Developed new storage pools page (full-stack) by using AngularJS for the front-end and Ruby in the back-end for support of new/existing APIs
- Designed and implemented compliance support for ILM Rules and Policies
- Investigated and fixed bugs for StorageGRID 11.0 using AngularJS and Ruby
- Participated in daily scrums and bi-weekly sprints

### Software Developer Analyst Co-op

*British Columbia Automobile Association* (May – Sept 2017)

- Implemented microservices (Address API) using Test Driven Development (TDD) and Java that are used by all teams
- Created and updated automation tools (TestNG) and documentation for new website launch using Selenium

### Quality Assurance and Automation Developer

*T2 Systems* (Jan – Aug 2016)

- Created, coded, designed, and updated automation tools for web-based and embedded software based systems including the client side site
- Increased test coverage by 90% by writing functional test scripts using Robot Framework (built on Python)
- Tested web and mobile applications using REST calls with the help of SOAP

## PROJECTS

### BlockArt Blockchain, Academic Project (Jan – Feb 2018)

- Created a blockchain based system to support collaborative computer art projects using Go
- Implemented system to support gnutella protocol for flooding of transactions and resolving the longest blockchain
- Each “artist” had to mine for ink before it could add its shapes to the canvas

### 🌐 Chum Bucket, Hackathon Project (Mar 2017)

- Created a Microsoft Azure Bot integrated with Slack to keep track of all the links sent in a conversation that placed in the top 6 finalists
- Each link is searchable by title, webpage with the help of Luis.ai
- Implemented backend logic using Node.js for handling of all requests

### insightUBC, Academic Project (Sept – Dec 2016)

- Created a backend service that allows .zip files to be stored, queried on, and deleted, with queries built based on EBNF syntax
- Validated functionality with unit and integration tests
- Created UI for room scheduling and usage of Yelp API for nearest food