

## WORK EXPERIENCE

### Software Engineer Intern, Amazon Web Services, Vancouver, Canada

(2019.06----2019.09)

- Worked on the design and whole code flow implementation of a new feature of EC2 Auto Scaling Group.
- Worked on the Integration of one AWS internal micro service with another one.
- Developed backend APIs and client in Java Spring based micro services.
- Performed unit tests and Ruby cucumber tests.

## SKILLS

### Programming Languages

- Skilled: Java, C/C++
- Familiar: Python, Ruby, Dart, SQL, JS

### App Development

- Spring boot and Django backend
- Flutter and JS frontend design
- Familiar with RESTful APIs
- Develop on Oracle, MySQL, and QLDB

### Testing

- JUnit and Mockito
- Ruby Cucumber and auto tester

## EDUCATION

### Simon Fraser University (SFU), Burnaby, Canada

2018.09 ---- Present

Dual Degree Program of Computer Science and Technology with Zhejiang University (ZJU)

### Zhejiang University (ZJU), Hangzhou, China

2016.09 ----- 2018.06

Dual Degree Program of Computer Science and Technology with Simon Fraser University (SFU)

## PROJECTS

### Online Chatting Mobile App in Flutter and Spring Boot

(2018 ---- Present)

- A team project to develop a mobile online chatting app with Flutter/Dart frontend and Spring boot backend.
- Developing Bloc architecture in Flutter frontend, based on stream subscription to trigger events.
- Building up Spring boot server with MySQL DB.

### WeChat Mini App with a Django server

(2018 ---- 2019)

- Developed a simple image processing WeChat Mini APP on my own.
- Worked on HTML/CSS and JavaScript frontend, Django backend, and apply OpenCV to perform image processing.

### Simple MINISQL Program in C++

(2018 ---- 2018)

- Collaborated with two of my classmates to implement a MINISQL database system in C++ with basic SQL functions and concise user interface.
- Worked on both the record and index manager in linked list and B+ Tree data structures.

## ACADEMIC ACHIEVEMENT

### Grades

- ✦ GPA 3.83/4.33 at SFU (2018 - Present)
- ✦ GPA 4.42/5.00 at ZJU (2016 - 2018)
- ✦ IETLS 7.0/9.0 (2018)

### Prizes

- ✦ The SFU Entrance Scholarship of Dual Degree Program at ZJU (2018)
- ✦ Two times the third prize of academic scholarship at ZJU (2017 - 2018)