

# Davis Sawali

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## LINKS

Github:// [dsawali](#)  
LinkedIn:// [dsawali](#)  
Portfolio:// [dsawali](#)

## SKILLS

### LANGUAGES

JavaScript ES6  
Go  
C#  
Java  
C/C++  
HTML/CSS

### TOOLS & FRAMEWORKS

React  
Express  
Bamboo  
Nomad  
Docker  
NodeJS  
Selenium  
Protractor  
JIRA

## COURSEWORK

### UNDERGRADUATE

Database Systems  
Operating Systems  
Artificial Intelligence  
Data Structures & Algorithms  
Web Information Systems  
Data Science

## EDUCATION

### SIMON FRASER UNIVERSITY

#### BSC IN COMPUTER SCIENCE

Jun 2019 | Burnaby, BC, Canada

### FRASER INT'L COLLEGE

#### UNIVERSITY TRANSFER PROGRAM

Apr 2015 | Burnaby, BC, Canada

## INVOLVEMENTS

### PROJECT MANAGER

#### SFU INDONESIAN ASSOCIATION

Sep 2016 - Aug 2017

### MUSICIAN - DRUMMER

#### CITY BLESSING CHURCH

Dec 2014 - Present

## EXPERIENCE

### VIPRE SECURITY (FORMERLY FUSEMAIL) | QA ENGINEER

Sep 2019 – Present | Burnaby, BC

- Contributed in the conception of a new branching strategy for test automation that allows efficient regression and smoke testing, minimizing the number of manual tests
- Provided help and support for Co-op students and interns, allowing them to be independent in solving problems and daily tasks

### BCAA | SOFTWARE DEVELOPER CO-OP

Sep 2018 - Apr 2019 | Burnaby, BC

- Integrated APIs made by the micro-services team to the front-end using .NET Framework and JavaScript
- Implemented web pages and components using modular and loosely coupled components for code reuse
- Worked in a sizable development team to meet milestones of a large feature delivery using Agile/Scrum methodology
- Provided production support by writing database maintenance scripts in SQL

### BCAA | SOFTWARE DEVELOPER CO-OP (AUTOMATED TESTING)

May 2017 – Aug 2017 | Burnaby, BC

- Contributed in the development of redesigning the official BCAA website by creating automated tests such as functional and visual regression tests using the TestNG framework and Selenium in Java
- Documented features implemented by the developers for the content authors to read and utilize

## TECHNICAL PROJECTS

### DAILY MARKET ANALYSIS APP | PERSONAL PROJECT

Nov 2019 - Present

- An information broadcast mobile application at its core with reporting functionalities. Gives daily recommendations and stock analysis when the market opens and closes each day.

### TWEETGRAB | PERSONAL PROJECT

Nov 2018 – Dec 2018

- Designed and developed a live Tweet feed using Twitter API, React, and Node

### ANIME RECOMMENDATION SYSTEM | PERSONAL PROJECT

Oct 2018 – Nov 2018

- Developed an anime recommendation model using K-Nearest Neighbours algorithm using Pandas, Scikit-learn, and data from MyAnimeList.net with good subjective accuracy
- Performed ETL (Extract-Transform-Load) using Pandas DataFrames to clean and separate popular anime from unpopular anime

### U-PASS AUTOMATOR | PERSONAL PROJECT

Mar 2018

- Wrote a Python script using Selenium to request a U-Pass every month automatically