

# Segal Au

SOFTWARE DEVELOPER

## PROFESSIONAL SKILLS

### Coding Languages:

Python, C++, Java, HTML/ JS, SQL

### Libraries / Frameworks:

ReactJS, Selenium, NodeJS,  
Express, Firebase

### Technologies:

Git, JIRA, MySQL, Jenkins

## EXPERIENCE

### Agile developer (Internship)

SAP - Data Calculations Team  
Jan 2020 - May 2020

- Extended Selenium automation framework with Jasmine integration tests. Reduced regression test failures by approximately 25%.
- Addressed bug fixes and enhanced test suite for cross-team features

### Agile developer (Internship)

SAP - Chart Visualizations Team  
May 2019 - Dec 2019

- Took end-to-end ownership of data label feature in development, testing, and integration. Built using JS/HTML/CSS with Selenium test suite. Presented feature to managers and external stakeholders.
- Resolved critical client UI issues for chart visualization
- Augmented Jasmine integration test suite

### Software Developer (Co-op)

Agreement Express - Internal Tools Team  
Jan 2018 - Aug 2018

- Designed and implemented responsive widgets template for internal development team. Built using React / Material UI.
- Performed test-driven development using Jest / Mocha/ JS

## PROJECTS

### Chadder

Intelligent Slack Chatbot  
SAP iXp Hackathon

- Used Natural-Language Processing API (DialogFlow) to utilize machine learning for processing help phrases
- Used Slack bot API for seamless integration into SAP's slack channels
- First Place recipient

### RCHWAYFINDER

Admin Portal and Mapping  
Joint Industry Project  
(BCIT & Royal Columbian Hospital)

- Created front-end floor-plan generator and admin portal using React
- Added saving and retrieving capabilities for retrieving user-specific floor plans from Firebase
- Used React-Digraph API to power graphical UI for mapping floors and nodes

## CONTACT INFORMATION

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### Email:

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### Linkedin:

@segalau

### Portfolio:

segalau.github.io/portfolio/

## EDUCATION

### Simon Fraser University

Bachelor of Computing Science  
Software Systems

- Expected Graduation October 2021

### British Columbia Institute of Technology

Computer Systems Technology Diploma

- Data Communication Option
- Graduated May 2019