

SEGAL AU

SOFTWARE ENGINEER

SKILLS

FRONT-END

- React, HTML, CSS, Javascript/Typescript, jQuery

BACK-END

- Python/Django, NodeJS/Express, Java, NoSQL (Firebase, MongoDB), SQL (MySQL)

TESTING

- Selenium, Mocha, Jest, Jasmine

PROJECTS

CHADDER

Intelligent Slack Chatbot | SAP iXp Hackathon

- Used Natural-Language Processing API (DialogFlow) to utilize machine learning for processing help phrases
- Used Slack API for seamless integration
- First Place Recipient

RCHWAYFINDER

Admin Portal / Mapping | Joint Industry Project (BCIT / RCH)

- Worked in 3-man team to create scalable administration portal / floor-plan generator and associated cloud DB (Firebase)
- Used React-Digraph API to power graphical UI for mapping floor map and nodes
- Contributed in designing DB structure and integration between front and back-end components
- Wrote HTTP request calls for floor and node queries/updates
- Coordinated between BCIT and Royal Columbian Hospital stakeholders

CONTACT DETAILS

Cell: 778-302-6170

Email: au.segal@gmail.com

Website: segalau.github.io/portfolio

LinkedIn: @segalau

Github: <https://github.com/SegalAu>

Bitbucket: <https://bitbucket.org/segal-au/>

WORK EXPERIENCE

AGILE DEVELOPER INTERN

SAP | Jan 2020 - May 2020 (4 months)

Data Calculations

- Extended Selenium automation framework
- Addressed bug fixes and enhanced test suite for cross-team features

AGILE DEVELOPER INTERN

SAP | May 2019 - Dec 2019 (8 months)

Chart Visualization

- Took end-to-end ownership of data label feature for development, testing, and integration. Presented feature to managers and external stakeholders
- Conducted regular bug-fixing and test framework development using Jasmine / Jest
- Addressed and resolved mission critical UI issues for chart visualization

SOFTWARE DEVELOPER (CO-OP)

Agreement Express | Jan 2018 - Aug 2018 (8 months)

Internal Tools Platform

- Designed and implemented responsive web application tools platform for internal development and analyst team
- Conducted regular testing and bug fixing using Jest / Mocha / JavaScript
- Performed back-end integration and development with Python
- Enhanced front-end components using React / Material UI

ACADEMIC PROFILE

SIMON FRASER UNIVERSITY

Bachelor of Computing Science - Software Systems

▪ May 2020 - present

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Diploma - Computer Systems Technology

▪ Graduated May 2019

▪ Data Communications Option