



REBECCA SINGH

sfu.ca/~rsa109/portfolio
<https://github.com/RebSin>



linkedin.com/in/singhrebecca
rebecca_singh@sfu.ca



PROFILE

A software developer with a passion for thoughtful user experience, excellent communication skills, ability to learn quickly and strong experience working in teams.

WORK EXPERIENCE

AGILE DEVELOPER INTERN (HANA & ANALYTICS) - SAP, Vancouver

September 2021 - April 2022

Worked as part of a small team on an internal tool to establish and maintain best practices for features project-wide. Acted as Scrum Master for wave planning meetings.

- Developed RESTful API endpoints using **ExpressJS** for an internal platform built on **NodeJS**.
- Wrote front and back-end code using **ReactJS** and **TypeScript** with 94%+ code coverage in **Jest**.
- Tracked and communicated all development work through **JIRA** and used **Github**.
- Created data visualizations that summarized feature usage from thousands of our users, driving our team to make developmental decisions.

JUNIOR DEVELOPER INTERN - Calico Logic, Vancouver

September 2020 - April 2021

(Hired back as part time while studying)

May 2021 - August 2021

*Full stack development on a real estate brand website and on a mobile application. Technologies used included **Dart**, **Flutter** and **SailsJS** as well as **Github** for version control.*

- Patched bugs and implemented new features using **C#.NET** and **ReactJS** on a site with hundreds of users.
- Added ability for users to enter payment information using **React Bootstrap** and **PostgreSQL**.
- Refactored aging codebase by implementing MVC design pattern in API and writing unit tests to improve readability and usability.

ANDROID DEVELOPER & RESEARCH ASSISTANT - Simon Fraser University

May 2019 - August 2019

*Independently developed suggestion functionality for a scheduling/task management mobile application on **Android** using **Java**.*

- Developed a method that allows users to save and remove words from a personal dictionary.
- Implemented an auto-correct system that determines whether an autogenerated correction was accepted or rejected and adjusts future suggestions accordingly.
- Conducted a pilot study with six participants and recorded findings as well as suggestions for possible improvements of implemented features.

EDUCATION

Simon Fraser University

2016 - August 2022

Bachelor of Science in Interactive Arts & Technology

Concentrations in **Interactive Systems & Design**

Dean's Honour Roll

NSERC Undergraduate Student Research Award Recipient