

EXPERIENCE

- **SAP**

Agile Developer Intern, SAP Analytics Cloud

Vancouver, BC

Sept 2019 - Apr 2020

- Efficiently diagnosed and fixed bugs, **reducing team technical bug debt by over 25%** within first month of work
- Implemented solution to differentiate mobile and desktop product users to facilitate timely shipment of mobile safari web-app code
- Performed code reviews, integration and regression tests to increase the quality of the product and understand large-codebase coding guidelines

- **Royal Bank of Canada**

Software Developer Intern

Toronto, ON

May 2019 - Sept 2019

- Automated the server outage repair process by providing virtual machine outage diagnostics, awarded **Most Innovative Hackathon Project**
- Developed an internal tool that provided self-serve data solutions to the bank, shortening the test data vending process from **3 weeks to <1 minute**
- Refactored and **optimized code by 88%**, by implementing promises and thread concurrency limitations, cutting down run-time by **30 hours a month**
- Improved code to be more robust, maintainable and accessible by writing unit tests, integration tests, and Swagger documentation files

PROJECTS

- **VisualEyes: Webpage Engagement Insight Gathering Tool**

- BizHacks2019 first-place winning project
- Tracks and stores eye-movement data through the user's webcam and visualizes it as a heatmap
- Uses machine learning to identify facial expressions to measure enjoyment and frustration levels
- Technologies used: ARKit2, Firebase

- **PayTogether: Group Receipt Splitting Tool**

- Interactive Slackbot that recognizes and parses receipt images using machine learning and reminds users how much they owe
- Technologies used: SlackAPI, Microsoft Azure Computer Vision

- **VrEMDR: Virtual Reality Psychotherapy Tool**

- LumoHacks2018 second-place winning project
- Emulated EMDR therapy sessions in VR to create an immersive and accessible therapy environment
- Technologies used: Unity, Android Studio

AWARDS AND ACHIEVEMENTS

- **Hackathons**

1st place, *BizHacks2019* || Most Innovative, *RBCxSlack Innovation Challenge*

2nd place, *LumoHacks2018* || 3rd place, *ThinkTech2018* || 3rd place, *BizHacksxRealtor.com2017*

SKILLS

- **Languages:** Java*, Javascript*, C/C++, R, HTML/CSS
- **Frameworks and Tools:** NodeJS*, MongoDB, Git, JUnit/Jest/Jasmine,
*professional experience

EDUCATION

- **University of British Columbia**

Combined Major in Business and Computer Science

Anticipated Graduation : 2022