

MARIAM AYUBI

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TECHNICAL PROJECTS

Bring It Up

Sep 2022 – Aug 2023

- Collaborated with 15 other team members to develop a web application that enables students to find the mental health and counselling services that best suit their needs
- Implemented UI components for the application using React.js, TypeScript, Material UI and react-router-dom to enable users to view the different services available

insightUBC

Sep 2022 – Dec 2022

- Created a full-stack web application to read, parse and query UBC's metadata in a team of three using agile and test-driven development
- Implemented a query engine using EBNF to support list and aggregate queries using Node.js and TypeScript and thoroughly tested the application using Mocha and Chai

Focus Keeper

Aug 2022

- Designed a Chrome extension that blocks social media sites for timed focus sessions and provides daily and weekly views displaying focused time statistics
- Implemented using HTML, CSS, JavaScript and Chrome runtime, tabs, storage, and alarms APIs for message passing, data storage and scheduled code execution

EXPERIENCE

Visier, Vancouver, BC

Jan 2023 – Aug 2023

Software Developer Intern

- Contributed to the development and release of Visier's new software solution, Smart Compensation, by resolving upwards of 95 tickets in a fast-paced environment with weekly sprints and tight deadlines
- Shared ownership of 2 epics with a senior frontend developer to implement the backend of these features in Kotlin and assist with frontend tasks in React, TypeScript, Tailwind CSS and Material UI

Sierra Wireless, Richmond, BC

Jan 2022 – Aug 2022

Software Test Engineer Intern

- Executed firmware and drivers tests of 5G IoT modules on Windows and Linux
- Developed automated test scripts in Python using internal and external libraries, such as PyWin32

EDUCATION

University of British Columbia, Vancouver, BC

Sep 2019 – Dec 2024

Bachelor of Science, Major in Computer Science

SKILLS

Languages: Java, TypeScript, Kotlin, Scala, JavaScript, Python, R, C++, C

Technologies: Git, Bitbucket, Jira, Confluence, HTML, CSS, React.js, Material UI, Angular, Tailwind CSS, JUnit, Bash, Java Swing, npm, yarn, Mocha, Chai