Britney Ng

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EDUCATION

University of British Columbia   Vancouver, BC
B.Sc, Computer Science   *Expected Graduation: May 2024*

- Relevant Coursework: *Software Construction, Data Structures and Algorithms, Relational Databases, Internet Computing*

TECHNICAL SKILLS

Languages: Java, JavaScript, Typescript, Golang, C, C++, SQL
Technologies/Tools: HTML, CSS, React.js, Node.js, Gin, Swing, JUnit, Mocha, Git, Jira, Figma

PROJECTS

Schedulii (Ongoing) | *React, Golang, Typescript, PostgreSQL, AWS, Github Actions*
- Building a web application that aims to streamline meeting time decisions by using user-imported calendar data
- Designed and implemented an AWS-hosted PostgreSQL database to store user availability information
- Implemented backend functionality in Go to handle reading/writing to database and fetching data from the Google Calendar API
- Prototyped and designed the user interface using Figma, and implemented several unique components including a navigation bar and event cards with React

Fitnomic | *React Native, Expo, Node.js*
- Placed runner up at ProduHacks '23, winning a sponsor prize out of over 100 participants by creating and pitching a mobile application that aims to incentize users for completing daily fitness goals
- Spearheaded front-end development by implementing a login page, event dashboard, and user profile page to complete a demo-ready minimum viable product within 24 hours

MyRecipeBuddy | *Java, JUnit, JSwing, JSON*
- Developed an object-oriented recipe management application designed to help users store and manage a personal collection of recipes
- Implemented an interactive user interface using Java Swing and data persistence using JSON
- Utilized JUnit and JaCoCo to extensively unit test core features, achieving 90% code coverage

VOLUNTEER WORK EXPERIENCE

Mentorship Program Coordinator   June 2021 – April 2022
UBC Science Undergraduate Society   *Vancouver, BC*
- Managed a program of 300+ participants, aimed to help undergraduate students gain insight into graduate school and other academic/career goals by connecting them with industry professionals and upper-year student mentors
- Organized monthly professional development and networking events for program participants

Interact Club Executive Member   September 2019 – June 2020
McMath Interact Club   *Vancouver, BC*
- Coordinated monthly general meetings for over 100 club members, directed weekly executive meetings for a team of 12 members as vice-president, and oversaw 8 different service projects
- Chaired a logistics team of 15 members to organize a virtual Interact Annual Awards & Anniversary Gala

Service Project Chair   January 2018 – May 2018
McMath Interact Club   *Vancouver, BC*
- Chaired a fundraiser project to raise $750 to promote food security for families in need all over the Lower Mainland via the Starfish Pack Foundation
- Led bi-weekly meetings for a team of 15, and delivered a project pitch to over 100 club members at general meeting