Britney Ng

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EDUCATION

University of British Columbia   Vancouver, BC
B.Sc, Computer Science   *Expected Graduation: May 2025*

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

TECHNICAL SKILLS

Languages: Java, Go, JavaScript, C, C++, SQL, HTML, CSS
Technologies/Tools: React, Gin, Swing, JUnit, Git, Figma

PROJECTS

Schedulii (Ongoing) | *Go, React, Typescript, PostgreSQL, Github Actions, Docker*
- Developing a calendar application that collates a user's availability based on their Google Calendar, allowing users to easily schedule events with a group of peers
- Created schema for an AWS-hosted PostgreSQL database, implemented a reusable connection in the back-end for any database calls, and created handlers and services to deal with calls to the database
- Prototyped the user interface with Figma, and developed both the homepage and navigation bar with React

MyRecipeBuddy | *Java, JUnit, JSwing, JSON*
- Created an object-oriented recipe management program that is designed to help users store and manage a personal collection of recipes
- Designed and assembled a graphical user interface using the Java Swing framework
- Implemented extensive unit testing with the JUnit5 test suite

Pomo-Pet | *HTML, CSS, Javascript, Figma*
- Received 2nd place at HelloHacks Hackathon by developing and pitching an interactive productivity pet application that aims to gamify traditional study tools
- Created a web application complete with a to-do list, timer, and interactive virtual "pet"

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   Sept 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   Jan 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