Alex Wu

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EDUCATION

University of British Columbia — Vancouver, BC
Combined Major in Business and Computer Science — *Expected Graduation: 2025*

- **Competitions:** Runner Up for JDC Junior Development Case Competition (Apr 2022), Semi-Finalist for National Strategy Consulting Conference (Oct 2022), Best UI/UX Design for Biztech Hello Hacks Hackathon (Sep 2022)
- **Relevant Coursework:** Functional Programming, Models of Computation, Objected Orientated Programming, Management Information Systems, Integral Calculus

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit5, TailwindCSS, Java Swing
Developer Tools: Git/Github, VS Code, Visual Studio, PyCharm, IntelliJ

PROJECTS

Slack Bot | *Python, Flask, Slack API, Ngrok* — Apr 2023

- Developed a custom Slack Bot using the Slack API to automate routine tasks, including creating reminders, sending announcements, and welcoming new users
- Developed a custom Slack Bot utilizing the Flask framework and Slash Commands API to enable various features. Configured the Ngrok tool to forward the bot and implemented event subscriptions to enable real-time messaging and interaction with users

Personal Portfolio Website | *HTML/CSS/JavaScript* — Mar 2023

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase personal projects and accomplishments.
- Designed a responsive and user-friendly interface that provides a seamless browsing experience across different devices and screen sizes.

NBA Fantasy Draft Simulator | *Java, Java Swing, JUnit 5* — Jan 2023 – Present

- Accelerated development by following one-week sprints to implement both a terminal and GUI based application
- Applied test-driven development to implement 7 user stories, achieving 100% unit test coverage for all classes
- Managed mock JSON database, creating method to save and load data from disk

BeSmart (EdTech App Prototype) | *Python, Java, Figma, Git* — Sep 2022

- Developed a mobile application that sends timely reminders to users throughout the day, incorporating homework questions to promote effective studying habits and active recall.
- Utilized Figma to model a user-friendly interface and developed a Python-based application for storing and managing questions, including features for tracking answers and progress.

OTHER EXPERIENCES

Finance Manager — Apr 2022 – Present
Enactus UBC — *Vancouver, BC*

- Raised over $5000 for Enactus's feeder clubs by collaborating with a team of 8 students to setup fundraising events while writing grant/accelerator applications over a 6-month period
- Assisted with budgeting and fund adjudication decisions through contributing in weekly team meetings and reviewing the targeted financial objectives for the year.

Financial Analyst — Mar 2022 – Present
Commerce Undergraduate Society UBC — *Vancouver, BC*

- Collaborated with five CUS-affiliated clubs to assist with providing financial decision-making, setting up their yearly budget, and filling reimbursements over an 8-month period
- Oversaw the $1.2 million operating budget through managing, analyzing, and reporting information gathered from my assigned services to help create the CUS mid-year reports