

Sarah Cheng

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EDUCATION

Bachelor of Commerce, *University of British Columbia*, Vancouver, BC Expected Completion: May 2025
Combined Major in Computer Science and Business | Dean's Honour Roll - GPA: 3.7/4.0

Relevant Courses: Software Construction; Computation, Programs, and Programming; Models of Computation

SKILLS/AWARDS

Programming Languages/Tools: HTML, CSS, JavaScript, Python, Java, SQL, Figma, Git

Awards: President's Scholarship of Distinction - University of Waterloo, BC Achievement Award

EXPERIENCES

Security Response Program Manager Intern, *BlackBerry* Sept. 2022 - Present

- Improved UX/UI of an OSS report by implementing a pop up functionality, a legend, and fixing the way information was displayed resulting in a 40% increased usage of the report
- Visualized data and implemented appropriate charts and tables for internal reports
- Improved data collection of internal reports by writing scripts in QlikView
- Managed and tracked large scale projects by scoping and delegating tasks
- Documented and modeled statistical calculations of open source libraries with security vulnerability risks

Undergraduate Teaching Assistant, *University of British Columbia* Sept. 2022 - Present

- Lead weekly lab sections, mark problem sets and hold office hours for UBC's intro to computer science course: CPSC 110 - Computation, Programs, and Programming
- Demonstrated strong debugging skills and attention to detail by helping students identify code errors

Events Specialist, *UBC Product Management Club* Aug. 2022 - Present

- Planned detailed event schedule for Discover PM 2022 where participants explore the field of PM
- Invited Product Managers and hosted PM Chats - a discussion related to topics and strategies used in PM

External Officer, *UBC Computer Science Student Society* June. 2022 - Oct. 2022

- Planned Tech Exploration Night, inviting industry professionals in software development, product management, UX/UI design, cybersecurity and tech consulting

PROJECTS

Charitize - Hack the North 2022

Tools/Frameworks Used: HTML, CSS, JavaScript, Figma, React, Firebase, Web3

- Helped create a decentralized volunteer funding management platform that uses Ethereum Blockchain to ensure transparent transactions between charity organizations and donors to prevent charity corruption
- Implements a Smart Contract donation system, where only DAI's are accepted and a wallet address is created for each charity on ethereum blockchain
- Allows volunteers to connect their wallet and redeem volunteer points for DAI from a charity's treasury
- Worked on the UX/UI design, prototyped on Figma and wrote user cases for our project

BobaTracks - Won *Organizer's Choice Award* for Hydra Hacks 2022

Tools/Frameworks Used: HTML, CSS, JavaScript, Figma

- Created a front-end application, that helps track the amount of calories consumed in a bubble tea order based on the flavour, toppings and sugar levels and compares it to the average amount of calories usually consumed in bubble tea

Product Sprint: Kinzoo Challenge - Won *Most Innovative Solution* from UBC Product Management Club

Tools/Frameworks Used: Figma

- Participated in a two week program to solve real product challenges for the messaging app Kinzoo
- Designed a prototype to help with user retention and pitched the solution to judges
- Recognized for creating the most innovative solution out of 20+ teams

ARewards - UBC BizTech ProduHacks Competition 2022

Tools/Frameworks Used: Figma, HTML, CSS, JavaScript

- Designed a website of a Metaverse product for Ernst & Young's retail and e-commerce platform
- Prototyped a reviewing system involving augmented reality to boost its online presence and reduce the need for physical stores