

Sarah Cheng

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EDUCATION

Bachelor of Commerce, *University of British Columbia*, Vancouver, BC Expected Completion: April 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, Figma, Git

Math Contests (*school placements*): 2nd place in Canadian Open Mathematics Challenge | 3rd Place in Euclid

Awards: President's Scholarship of Distinction - University of Waterloo

EXPERIENCES

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

- Extrapolate emergent threats from internet and private sources, mapping them onto a technical footprint
- Create an integrated project schedule to coordinate response activities, driving timely and appropriate resolution of complex security concerns
- Issue triage; quantitatively evaluate and contextualize risk, assess and prioritize response efforts
- Track and report on activities and status to senior management and other stakeholders.

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 four speakers that have worked in Microsoft, Hootsuite, Amazon, Workday, and many more!

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

- Planned a career fair aimed towards first and second year students, 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*

- Created 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

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