

Sarah Cheng

<https://sarahhcheng.github.io/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: 3.82/4.33
Relevant Courses: CPSC 110 - Computations, Programs, Programming; CPSC 121 - Models of Computation; CPSC 210 - Software Construction

SKILLS/AWARDS

Programming Languages/Tools: HTML, CSS, JavaScript, Java, Scheme, Figma, Git
Math Contests (school placements): 2nd place in Canadian Open Mathematics Challenge | 3rd Place in Euclid Math Contest
Awards: President's Scholarship of Distinction - University of Waterloo

EXPERIENCES

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

- Extract/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

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

- Lead lab sections and hold office hours to help students learn the programming language Racket in CPSC 110

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

- Planned detailed event schedule for Discover PM 2022: an annual event for participants to 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

- Contacted and successfully secured partnerships with other UBC clubs for career-focused events

Mathematics Tutor, *Self-Employed* May 2022 - Aug. 2022

- Tutored a UBC student in **Math 104 - Differential Calculus with Applications to Commerce and Social Sciences**
- Prepared extra material and worksheets to help the student better grasp hard concepts and questions

Volunteer Engagement Lead, *SPARK Foundation Canada*, Surrey, BC May 2020 - Aug. 2022

- Launched SPARK's ambassador program for over 50 highschool and university students honing their marketing and leadership skills through conference planning and workshops
- Led a meal delivery initiative for frontline workers at the Kinsmen Place Lodge care home in Surrey, BC while maximizing a \$2000 budget through collaboration with local restaurants
- Co-led a \$80 000 community care package project for low income families, positively impacting over 1200 lives

PROJECTS

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

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

Tools/Frameworks Used: Figma

- Chosen to participate 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

Recipe Book Application

Tools/Frameworks Used: Java, Java Swing

- Developed an application that allows users to create and add recipes to a recipe book
- Implemented data persistence using JSON to allow users to store and reload data

ARewards - UBC BizTech ProduHacks Competition 2022

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

- Created the design of 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