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 (OOP in Java); Intro to Programming; Models of Computation

SKILLS/AWARDS

Development Technologies: HTML, CSS, JavaScript, Python, Java, Figma, Git, VSCode, IntelliJ
Awards: University of Waterloo: President's Scholarship of Distinction, BC Achievement Award

EXPERIENCES

Security Response Program Manager Intern, *BlackBerry*   Sept. 2022 - Dec. 2022
-   Improved UX/UI of an OSS report by implementing a pop up functionality, a legend, and fixing the way information was displayed resulting in an 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, grade exams 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 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
-   Pitched idea of 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
-   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