

Claire Zhang

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EDUCATION

University of British Columbia

Bachelor of Science, Computer Science - Dean's List

Vancouver, Canada

Graduating 2029

EXPERIENCE

UBC Science Undergraduate Society

Associate Vice President - Communications

June 2025 - Present

- Coordinate **cross-functional teams** (website, marketing, sales) to ensure consistent project deliverables and messaging across multiple stakeholders
- Lead interdisciplinary team to organize SUS' first-ever hackathon with projected **150 participants**, managing timelines, budgets, and vendor relationships
- Provide regular reporting and project insights to senior leadership team for strategic decision-making

XdHacks Mini Vancouver

Co-Executive Director

Vancouver, Canada

Aug. 2023 - Aug. 2024

- Managed multi-site project coordination for SafeHacks 2024, leading executive team through complex event planning with **30 participants** and **13 sponsors**
- Secured over **\$10,000** in sponsorship through strategic partnership development

Director of Finance

Nov. 2022 - Aug. 2023

- Performed financial data analysis and provided budget reports to senior management team for resource allocation

UBC GIRLsmarts4tech

Workshop Facilitator

December 2024 - Present

- Coordinate and facilitate Computer Science workshops for underrepresented youth

PROJECTS

SustainABite - SAP Stream 1st Place Beginner Team; youCode 2025 | *React Native, Firebase* March 2025

- Spearheaded **frontend development** using **React Native** and **Expo**, leading cross-functional team coordination
- Post-hackathon: initiated **backend implementation** with **Firebase** and **Firestore**, demonstrating project follow-through and system integration skills

Data Visualization & Prediction of Gaming Behaviour | *R, Statistical Modeling*

2025

- Created predictive models for gaming behaviors using PLAI dataset, demonstrating data analysis and reporting
- Developed 3 two-parameter KNN classification models with 5-fold cross-validation for fine-tuning
- Provided comprehensive data insights and statistical reports

PREPAIRE - 1st Place AI Stream; UBC UXathon 2025 | *Figma, UI/UX Design*

January 2025

- Designed AI-powered job interview platform with live feedback capabilities, coordinating project deliverables
- Applied UI/UX design principles to create fully functional prototype

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, C, JavaScript, R, Assembly, BSL

Frameworks & Tools: React, React Native, JUnit, Firebase, Firestore, Expo

Developer Tools: Git, Figma, VS Code, Visual Studio

Management: Cross-functional coordination, Data reporting, Stakeholder communication, UX/UI principles

LEADERSHIP & INVOLVEMENT

UBC Pilates Club: Webmaster | *Mar. 2025 - Present*

UBC WIDS: youCode Logistics + Operations Coordinator | *June 2025 - Present*

Rewriting The Code: Member | *Oct. 2024 - Present*

UBC WICS Mentorship Program: Mentee | *Oct. 2024 - Apr. 2025*

PMSS Math Club: Member | *2020 - 2024* | Waterloo CEMC Math Contests: Certificate of Distinction (x4)