

Joice Tang

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Email: joitng@student.ubc.ca **Website:** <http://joicetang.com>

Research interests Human-computer interaction; social computing; human-centred AI; participatory design; labour, agency, & power

Education **University of British Columbia** Vancouver, BC, Canada
B.A. in Computer Science Sept 2017 – Present
Expected Graduation: May 2022
GPA: 4.2/4.33 (87.9%)

Research experience **Undergraduate Researcher – HCI Lab, UWaterloo**
Advisor: Prof. Edith Law May 2021 – Present
• Studying how people understand and react to AI feedback in a subjective context.

Undergraduate Researcher – D-Lab, UBC
Advisors: Prof. Dongwook Yoon & Dr. Ning Ma Aug 2020 – Apr 2021
• Studying boundaries of worker-customer power asymmetry and worker-centred design of ratings systems in gig work platforms.

Undergraduate Researcher – ViDeX / D-Lab, UBC
Advisors: Profs. Dongwook Yoon & Sidney Fels Apr 2020 – Nov 2020
• Studying how AI systems impact student-instructor interaction in university education settings.

Publications **Conference and Journal Publications**

The Impact of Artificial Intelligence on Learner-Instructor Interaction in On-line Learning

Kyoungwon Seo*, **Joice Tang***, Sidney Fels, Ido Roll, Dongwook Yoon.

In submission: International Journal of Educational Technology in Higher Education, 2021

(*) denotes co-first authorship

Workshop Papers

Understanding How Customers Attribute Accountability in Food Delivery Break Downs

Joice Tang, Ning F. Ma, Dongwook Yoon.

Joint Proceedings of the ACM IUI 2021 Workshops

Honors and scholarships	VISIER Service Award in Computer Science (\$1,250)	2021
	UWaterloo Undergraduate Research Fellowship (\$15,000)	2021
	Irving K. Barber Women in Technology Scholarship (\$10,000)	2020

	NSERC Undergraduate Student Research Award (\$4,500)	2020
	BC Achievement Scholarship (\$1,250)	2017
	BC District/Authority Scholarship (\$1,250)	2017
Teaching experience	Teaching Assistant – UBC Sept 2018 – Aug 2019 <i>CPSC 110: Computation, Programs, and Programming (3 terms)</i> <ul style="list-style-type: none"> • Prepared weekly labs, graded assignments and exams, assisted professor in lecture. <i>CPSC 210: Software Construction (1 term)</i> <ul style="list-style-type: none"> • Individually guided students to create a personal Java desktop app in weekly labss, graded exams. 	
Industry experience	Redbrick, Rebase Victoria, BC, Canada Full-Stack Developer Co-op Sept 2019 – April 2020 <ul style="list-style-type: none"> • Implemented features and fixes for a Windows app with WPF in C# and .NET. • Built and refactored product websites with Javascript, CSS/SASS, and HTML. • Built an ETL data pipeline in Python with AWS Lambda to centralize data analytics flow. 	
Talks and tutorials	Workshops "Git the Basics" Dec 2020, Jan 2021, Feb 2021 nwPlus Hackathons 2020/2021	
Skills	Programming HTML, CSS, Javascript, Typescript, Python, Java, C# Research Interviewing, Storyboard Design, Qualitative Analysis, Literature Review, Cognitive Walkthrough	
Service and outreach	nwPlus Mentorship Coordinator Starting Apr 2021 <ul style="list-style-type: none"> • Coordinating mentorship efforts for 3 hackathons, a student mentorship program, and internal team members. CODE Student Representative Apr 2020 – Mar 2021 <ul style="list-style-type: none"> • Student representative in the UBC CS Committee of Diversity and Equity. cmd-f Logistics Director Apr 2020 – Mar 2021 <ul style="list-style-type: none"> • Led a team of 5 to found a mentorship program for young women in technology; organized technical development workshops and Vancouver's biggest all-women hackathon. nwHacks Logistics Director Apr 2019 – Mar 2020 <ul style="list-style-type: none"> • Led a team of 5 to organize Western Canada's biggest hackathon. 	
Other interests	Climbing (bouldering), baking and cooking, music (piano, singing, viola), mechanical keyboards	