

Joice Tang

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Email: joice.tang@alumni.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: 4.1/4.22

Research experience **Undergraduate Researcher – HCI Lab, UWaterloo**
Advisors: Profs. Edith Law & Kate Larson Starting May 2021
• Studying perceptions of AI feedback.

Undergraduate Researcher – D-Lab, UBC
Advisors: Prof. Dongwook Yoon & Dr. Ning Ma Aug 2020 – Present
• 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 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 (\$2,500) 2017

	BC District/Authority Scholarship (\$2,500)	2017
Teaching experience	<p>Teaching Assistant – UBC Jul 2019 – Aug 2019 CPSC 210: Software Construction Individually guided students to create a personal Java desktop app, prepared weekly labs, graded exams.</p> <p>Teaching Assistant – UBC Sept 2018 – Jun 2019 CPSC 110: Computation, Programs, and Programming Prepared weekly labs, graded assignments and exams, assisted professor in lecture.</p>	
Industry experience	<p>Redbrick, Rebase Victoria, BC, Canada Full-Stack Developer Co-op Sept 2019 – April 2020</p> <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	<p>"Git the Basics" Dec 2020, Jan 2021, Feb 2021 nwPlus Hackathons 2020/2021</p>	
Skills	<p>Programming HTML, CSS, Javascript, Typescript, Python, Java, C#</p> <p>Research Interviewing, Storyboard Design, Qualitative Analysis, Literature Review, Cognitive Walkthrough</p>	
Service and outreach	<p>nwPlus Mentorship Coordinator Starting Apr 2021 Coordinating mentorship efforts for 3 hackathons, a student mentorship program, and internal team members.</p> <p>CODE Student Representative Apr 2020 – Mar 2021 Student rep in the UBC CS Committee of Diversity and Equity.</p> <p>cmd-f Logistics Director Apr 2020 – Mar 2021 Led a team of 5 to organize a mentorship program for young women, technical development workshops, and Vancouver's biggest all-women hackathon.</p> <p>nwHacks Logistics Director Apr 2019 – Mar 2020 Managed a team of 5 to organize Western Canada's biggest hackathon.</p>	

Other interests

Climbing (bouldering), baking and cooking, music (piano, singing, viola), mechanical keyboards