

# Joice Tang

Updated March 20, 2021

**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 review: The Internet and 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*

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