

# 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

**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 ambiguous AI feedback.

**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 Online Learning

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

*Under Review: 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**

VISIERS 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

	Dean's List (> 80% year average)	2018, 2021
	BC Achievement Scholarship (\$1,250)	2017
	BC District/Authority Scholarship (\$1,250)	2017
Teaching experience	<b>Academic Assistant – UBC</b>	July 2021 – Aug 2021
	<i>CPSC 344: Introduction to Human-Computer Interaction Methods</i>	
	• Assisted with the development of course materials.	
	<b>Teaching Assistant – UBC</b>	Sept 2018 – Aug 2019
	<i>CPSC 110: Computation, Programs, and Programming (3 terms)</i>	
	• Prepared weekly labs, graded assignments and exams, assisted professor in lecture.	
	<i>CPSC 210: Software Construction (1 term)</i>	
	• Individually guided students to create a personal Java desktop app in weekly labss, graded exams.	
Industry experience	<b>Redbrick, Rebase</b>	Victoria, BC, Canada
	Full-Stack Developer Co-op	Sept 2019 – April 2020
	• 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	<b>Workshops</b>	
	"Git the Basics"	Dec 2020, Jan 2021, Feb 2021
	nwPlus Hackathons 2020/2021	
Skills	<b>Programming</b>	
	HTML, CSS, Javascript, Python, Java, C#	
	<b>Research</b>	
	Interviewing, Storyboard Design, Qualitative Analysis, Literature Review, Cognitive Walkthrough	
Service and outreach	<b>CODE Student Representative</b>	Apr 2020 – Present
	• Student representative in the UBC CS Committee of Diversity and Equity.	
	<b>nwPlus Mentorship Coordinator</b>	Apr 2021 – Aug 2021
	• Coordinating mentorship efforts for nwPlus events and team members.	
	<b>cmd-f Logistics Director</b>	Apr 2020 – Mar 2021
	• 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.	
	<b>nwHacks Logistics Director</b>	Apr 2019 – Mar 2020
	• Led a team of 5 to organize Western Canada's biggest hackathon.	