

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

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| 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 |

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| | 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> | |