Joice Tang

Email: joice@uw.edu   **Website**: http://joicetang.com

Research interests

Human-computer interaction; social computing; participatory action research; design and research justice; community care and solidarity

Education

University of Washington   Seattle, WA
Incoming PhD Student in Human Centered Design and Engineering

University of British Columbia   GPA: 4.2 / 4.33
B.A. Computer Science (with High Distinction)   Sept 2017 – Apr 2022
Research Advisors: *Dongwook Yoon, Sidney Fels, Edith Law*

Research experience

HCI Lab, UWaterloo
Undergraduate Research Fellow   May 2021 – Present

D-Lab, UBC
Undergraduate Researcher   Aug 2020 – Apr 2021

ViDeX / D-Lab, UBC
Undergraduate Research Intern   Apr 2020 – Nov 2020

Publications

Conference and Journal Publications

Kyoungwon Seo*, **Joice Tang***, Sidney Fels, Ido Roll, Dongwook Yoon. The Impact of Artificial Intelligence on Learner-Instructor Interaction in Online Learning. (2021). *International Journal of Educational Technology in Higher Education.*
(*) denotes equal contribution

Workshop Papers

Joice Tang, Ning F. Ma, Dongwook Yoon. Understanding How Customers Attribute Accountability in Food Delivery Break Downs. (2021). In *Joint Proceedings of the ACM IUI 2021 Workshops.*

Honors and awards

Rick Sample Memorial Award in Computer Science ($2,500)	2022
Dean of Arts Scholarship ($1,200)	2022
UBC Trek Excellence Scholarship ($1,500)	2021
Broadridge Financial Solutions Award for Women in Computer Science ($1,000)	2021
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

Dean's List (> 80% year average)	2018, 2021
BC Achievement Scholarship ($1,250)	2017
BC District/Authority Scholarship ($1,250)	2017

Teaching assistance

CPSC 344: Introduction to Human-Computer Interaction Methods Jul 2021 – Apr 2022

Instructors: *Dongwook Yoon (2021W1), Izabelle Janzen (2021W2)*

CPSC 210: Software Construction Sept 2018 – Aug 2019

Instructor: *Mike Feeley (2019S)*

CPSC 110: Computation, Programs, and Programming Sept 2018 – Jun 2019

Instructor: *Anthony Estey (2018W1, 2018W2, 2019S)*

Industry experience

Redbrick, Rebase Victoria, BC, Canada

Full-Stack Developer Co-op Sept 2019 – Apr 2020

Talks and tutorials

Talks

"Intro to Co-Design and Design Justice" Mar 2022

Guest Lecture, UBC CPSC 344

Tutorials

"Git the Basics" Dec 2020, Jan 2021, Feb 2021

nwPlus Hackathons 2020/2021

Service and outreach

Freedge for Fuel Sept 2021 – Present

Communications Coordinator

A mutual aid initiative addressing food insecurity at UBC Vancouver.

UBC CS Committee of Diversity and Equity Sept 2018 – Mar 2022

Student Representative

Departmental committee working to identify and respond to equity and diversity issues in the student body.

Reboot Jul 2021 – Sept 2021

Community Operations Volunteer

A publication and community reimagining techno-optimism for a better collective future.

cmd-f, connect-f Apr 2020 – Mar 2021

Logistics Director

Workshop series, mentorship program, and all-women hackathon encouraging the exploration of technology and celebrating women in tech.

nwHacks   Apr 2020 – Mar 2021

Logistics Director

Western Canada's largest hackathon.

Relevant coursework   **CPSC 448: Directed Studies**

Final paper: *Negotiating Power Asymmetry with Customers: Designing Worker-Centered Evaluation Systems for Gig Platforms*

SOCI 301: Sociology of Development and Underdevelopment

Final paper: *"Bridging" the Digital Divide: Digital Colonialism and the UN ICT Task Force*

GRSJ 300: Intersectional Approaches to Thinking Gender

Final paper: *Intersectionality, Racial Triangulation, and Solidarity*

GRSJ 224: Gender, Race, Sexuality, and Social Justice in Literature

Final project: *Asian-Americans, the Model Minority Myth, and a Case Against Racial Colorblindness*

Skills   **Research**

Semi-Structured Interviews, Storyboard Design, Qualitative Analysis, Literature Review

Programming

HTML, CSS, Javascript, Python, Java