

# CURRICULUM VITAE

## MINYOUNG YOO

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### EDUCATION

- 2021 – Present **Doctor of Philosophy (Ph.D.)**  
*Simon Fraser University*  
*School of Interactive Arts and Technology*  
Surrey, British Columbia, Canada
- 2018 – 2020 **Master of Science (M.Sc.)**  
*Simon Fraser University*  
*School of Interactive Arts and Technology*  
Surrey, British Columbia, Canada  
**M.Sc. Thesis**  
Title: "Understanding everyday experiences of reminiscence for people living with blindness: Practices, tensions and probing new design possibilities."
- 2011 – 2017 **B.C.S. Honours Computer Science (Co-op Program)**  
*University of Waterloo*  
*Cheriton School of Computer Science*  
Waterloo, Ontario, Canada

### RESEARCH EXPERIENCE

- 05/2022 – Present **Research Assistant**  
*Simon Fraser University*  
*Homeware Lab*  
Project: QueuePlayer  
Advisor: Dr. William Odom  
Surrey, British Columbia, Canada
- 09/2019 – Present **Research Assistant**  
*Simon Fraser University*  
*Everyday Design Studio*  
Project: Capra  
Advisor: Dr. William Odom  
Surrey, British Columbia, Canada
- 09/2018 – 08/2019 **Research Assistant**  
*Simon Fraser University*  
*Everyday Design Studio*  
Project: Olo Radio  
Advisor: Dr. William Odom  
Surrey, British Columbia, Canada
- 09/2016 – 12/2016 **Research Assistant**  
*University of Waterloo*  
*Human Computer Interaction Lab*  
Project: Near-Eye PIN Entry  
Advisor: Dr. Daniel Vogel

Waterloo, Ontario, Canada

01/2016 – 04/2016

**Research Assistant**

*University of Waterloo*  
*Human Computer Interaction Lab*  
Project: Handedness  
Advisor: Jeffery Avery  
Waterloo, Ontario, Canada

**TEACHING EXPERIENCE**

Spring 2023,  
Fall 2022

Human-Computer Interaction and Cognition (IAT 201)  
*Teaching Assistant*  
School of Interactive Arts and Technology  
Simon Fraser University

Spring 2021,  
Fall 2020

Introduction to Game Studies: Theory and Design (IAT 210)  
*Teaching Assistant*  
School of Interactive Arts and Technology  
Simon Fraser University

Spring 2020

Graduate Research Colloquium (IAT 805)  
*Teaching Assistant*  
School of Interactive Arts and Technology  
Simon Fraser University

Fall 2019

Digital Games: Genre, Structure, Programming and Play (IAT 167)  
*Teaching Assistant*  
School of Interactive Arts and Technology  
Simon Fraser University

**CERTIFICATE**

04/2022

Instructor Skills Workshop (ISW)  
Centre for Educational Excellence  
Simon Fraser University

**WORK EXPERIENCE**

05/2016 – 08/2016

**Software Engineer**, *Microsoft*; Redmond, United States

09/2015 – 12/2015

**Software Developer**, *IBM*; Toronto, Canada

01/2015 – 04/2015

**Developer**, *Citigroup*; Mississauga, Canada

09/2013 – 12/2013

**Agile Developer**, *SAP*; Vancouver, Canada

01/2013 – 04/2013

**Software Quality Assurance**, *SAP*; Waterloo, Canada

05/2012 – 08/2012

**Quality Assurance Analyst**, *CADian*; Seoul, South Korea

**SCHOLARSHIP, FUNDING & GRANTS**

2024

SSHRC Doctoral Fellowship Award (\$80,000 CAD)  
SFU Ph.D. Research Scholarship (Spring/Summer/Fall 2024, \$5,400 CAD)  
SFU SIAT Graduate Fellowship Award (Summer 2024, \$3,500 CAD)

- SFU Travel & Minor Research Award (Summer 2024, \$2,820 CAD)
- 2023 SFU Ph.D. Research Scholarship (Fall 2023, \$1,800 CAD)  
ACM SIG Research Travel Grant (\$250 USD)  
NSF Doctoral Consortium Funding (ACM DIS '23, Summer 2023, \$1,650 USD)  
SFU Travel & Minor Research Award (Summer 2023, \$500 CAD)  
SFU SIAT Graduate Fellowship Award (Summer 2023, \$3,500 CAD)  
SFU FCAT Graduate Fellowship Award (Spring 2023, \$3,500 CAD)
- 2022 SFU SIAT Graduate Fellowship Award (Summer 2022, \$7,000 CAD)  
SFU Travel & Minor Research Award (Spring/Summer 2022, \$2,150 CAD)
- 2021 SFU Travel & Minor Research Award (\$1,369 CAD)  
SFU SIAT Ph.D. Program Entrance Award (\$7,000 CAD)
- 2020 SFU SIAT Graduate Fellowship Award (Summer 2020, \$6,500 CAD)
- 2012 University of Waterloo President's Scholarship (\$2,000 CAD)

## PUBLICATIONS

### CONFERENCE PAPER

- [C7] Odom, W., Barnett, S., Brand, N., **Yoo, M.**, Lin, H., White, J. (2024). Negotiating Conceptual and Practical Frictions in Making the Capra Short Film: Extending a Research through Design Artifact with Video. In *Proceedings of the 2024 Designing Interactive Systems Conference (DIS '24)*, July 1–5, 2024, Copenhagen, Denmark. ACM Press.
- [C6] **Yoo, M.**, Odom, W., Berger, A., Barnett, S., Kenny, Lo., Shamsheer, S., Russell, G., Knight, L. (2024). Remembering through Sound: Co-creating Sound-based Mementos together with People with Blindness. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)*, May 11–16, 2024, Honolulu, Hawai'i. ACM Press.
- [C5] Odom, W., White, J., Barnett, S., Brand, N., Lin, H., **Yoo, M.**, Amram, T. (2024). Capra: Making Use of Multiple Perspectives for Capturing, Noticing and Revisiting Hiking Experiences Over Time. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)*, May 11–16, 2024, Honolulu, Hawai'i. ACM Press.
- [C4] **Yoo, M.**, Knight, L., Odom, W., Berger, A. (2022). Storywork & Reciprocity: On the Design of an Audio Documentary that Extends HCI Research back to Participants. In *Proceedings of the 2022 Designing Interactive Systems Conference (DIS '22)*, June 13–17, 2022, Virtual Event, Australia. ACM, New York, NY, USA.
- [C3] Zhong, C., Wakkary, R., Odom, W., Chen, AYS., **Yoo, M.**, Oogjes, D. (2022). On the Design of deformTable: Attending to Temporality and Materiality for Supporting Everyday Interactions with a Shape-Changing Artifact. In *Proceedings of the 2022 Designing Interactive Systems Conference (DIS '22)*, June 13–17, 2022, Virtual Event, Australia. ACM, New York, NY, USA.
- [C2] **Yoo, M.**, Odom, W., Berger, A. (2021). Understanding Everyday Experiences of Reminiscence for People with Blindness: Practices, Tensions and Probing New Design Possibilities. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)*, May 8–13, 2021, Yokohama, Japan. ACM Press.
- [C1] Odom, W., **Yoo, M.**, Lin, H., Duel, T., Amram, T., Chen, AYS. (2020) Exploring the Reflective Potentialities of Personal Data with Different Temporal Modalities: A Field Study of Olo Radio. In *Proceedings of the 2020 Designing Interactive Systems Conference*. July 2020, Eindhoven, Netherlands. DIS '20. ACM Press. **\*Best Paper Honorable Mention Award\***

## ORGANIZED WORKSHOPS

- [WO2] Ppali, S., Pasia, M., Wolf, S., Han, J., Muntean, R., **Yoo, M.**, Rodil, K., Berger, A., Papallas, A., Ciolfi, L., Stevens, J., Covaci, A. (2024). Sensing Heritage: Exploring Creative Approaches for Capturing, Experiencing and Safeguarding the Sensorial Aspects of Cultural Heritage. In *Companion Publication of the 2024 ACM Designing Interactive Systems Conference (DIS '24)*. July 2024, Copenhagen, Denmark. ACM Press.
- [WO1] **Yoo, M.**, Berger, A., Lindley, J., Green, D., Boeva, Y., Nicenboim, I., Odom, W. (2023). Beyond Academic Publication: Alternative Research Outcomes of HCI Research. In *Companion Publication of the 2023 ACM Designing Interactive Systems Conference (DIS '23)*. July 2023, Pittsburgh, Pennsylvania. ACM Press.

## DOCTORAL CONSORTIUM

- [DC1] **Yoo, M.** (2023). Beyond Looking Back: Designing Interactive Technology Together to Support Blind People's Experience of Reminiscence. In *Companion Publication of the 2023 ACM Designing Interactive Systems Conference (DIS'23)*. July 2023, Pittsburgh, Pennsylvania. ACM Press.

## WORK IN PROGRESS

- [WIP1] **Yoo, M.**, Odom, W., Berger, A. (2020). Understanding How Audio Mediates Experiences of Reminiscence for People Living with Blindness. In *Companion Publication of the 2020 ACM Designing Interactive Systems Conference*. July 2020, Eindhoven, Netherlands. DIS '20. ACM Press.

## REVIEWED CONFERENCE WORKSHOP PAPERS

- [WP2] **Yoo, M.**, Odom, W., Berger, A. (2020). Research Through Design with Differently Abled People: Participation, Ownership and Equitable Conclusions. In workshop proceedings of *RtD in Situ: Discussing the Domains and Impact of Design Research*. July 2020, Eindhoven, Netherlands. DIS '20.
- [WP1] Odom, W., Amram, T., Chen, A., Lin, H., White, J., **Yoo, M.** (2019). Reflective Knowledge Production through a Designer-Researcher Approach. In workshop proceedings of *1<sup>st</sup> Person Research Methods in HCI*. June 2019, San Diego, United States. DIS '19.

## CONFERENCE POSTER

- [P1] **Yoo, M.** and Odom, W. (2019). Understanding Opportunities for Designing Interactive Technology to Better Support Everyday Experiencing of Reminiscing on the Past Life for Blind Users. June 2019, Banff, Canada. Canada-Korea Conference on Science and Technology (CKC) 2019.

## INVITED PRESENTATIONS

- 2024 *Who's Listening?: Understanding Your Audience*  
Invited Discussion at US-Korea Conference on Science and Technology (UKC) 2024.  
San Francisco, California, United States. Aug 21-24, 2024.
- Remembering through Sound—Co-designing Sound-based Memories with People with Blindness*  
Invited Presentation at Digital Communities Exchange (DComX) Event.  
Simon Fraser University, Vancouver, Canada. May 8, 2024.
- 2023 *Research through Design—Co-designing with Participants*  
Invited Presentation at Interactive Product Design (IPD) Lab.  
Ulsan National Institute of Science and Technology (UNIST), Ulsan, South Korea. Sep 25, 2023.
- Research through Design—Co-designing with Participants*  
Invited Presentation at Creative Interaction Design (ClxD) Lab.

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. Sep 21, 2023.

*Research through Design—Co-designing with Participants*

Invited Presentation at HCI+Design Lab.

Seoul National University, Seoul, South Korea. Sep 19, 2023.

*Designing Together: Understanding Others.*

Young Generation Technical and Leadership Conference (YGNITE) 2023.

San Jose, California, United States. Jan 20-21, 2023.

**\*Best Presenter Award – Lightning Talk: Science and Technology\***

2022

*Designing with Participants, Delivering the Outcomes*

Guest Lecturer at Parsons School of Design.

New York City, New York, United States. Oct 13, 2022.

*Diversity and Inclusion in STEM (Science, Technology, Engineering & Math)*

Panel Discussion at Canada-Korea Conference on Science and Technology (CKC) 2022.

Niagara Falls, Ontario, Canada. Jul 4 - 8, 2022.

2021

*Designing for and with People with Disabilities*

Invited Speaker at Parsons School of Design.

New York City, New York, United States. Oct 13, 2021.

*Reminiscence Experience for People Living with Blindness*

CKC 2021. Halifax, Nova Scotia, Canada. Sep 1-4, 2021.

*Understanding Everyday Experiences of Reminiscence for People Living with Blindness:  
Practices, Tensions and Probing New Design Possibilities.*

YGNITE 2021. Virtual Conference. Jan 29-30, 2021.

2020

*Understanding Opportunities for Designing Interactive Technology to Better Support  
Experiences of Reminiscence for People Living with Blindness*

YGNITE 2020. Seattle, Washington, USA. Jan 11, 2020.

2019

*Everyday Design Studio*

Young Professional Forum for Korean-Heritage Scientists and Engineers (YPF 2019)

Seoul, South Korea. Jul 1, 2019.

**\*FameLab Competition 1st Place Award\***

*Human-Centered Research at Everyday Design Studio*

Invited Presentation at Creative Interaction Design (CIxD) Lab

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. Jul 9, 2019.

## ACADEMIC SERVICE

### CONFERENCE & PROGRAM COMMITTEE

Associate Chair, ACM CHI 2025 Papers Program (Design Subcommittee)

Organizing Committee, CKC 2018 / 19 / 21 / 22 / 23

Evaluation Committee, Roboethics Competition @ IEEE RO-MAN 2021

### JOURNAL REVIEWER

ACM Transactions on Accessible Computing (TACCESS) 2023

### CONFERENCE REVIEWER

ACM Designing Interactive Systems (DIS) 2020 / 21 / 22 / 24

ACM Human Factors in Computing Systems (CHI) 2021 / 22 / 23 / 24

ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) 2021

ACM Mensch und Computer (MuC) 2024

ACM Tangible and Embedded Interaction (TEI) 2024 / 25