

CURRICULUM VITAE

MINYOUNG YOO

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EDUCATION

2021 – 2026
(Expected)

Doctor of Philosophy (Ph.D.)

Simon Fraser University
School of Interactive Arts and Technology
Surrey, British Columbia, Canada

Doctoral Committee: Will Odom, Ron Wakkary, Arne Berger

2018 – 2020

Master of Science (M.Sc.)

Simon Fraser University
School of Interactive Arts and Technology
Surrey, British Columbia, Canada

Advisors: Will Odom, Ron Wakkary

M.Sc. Thesis

Title: "Understanding everyday experiences of reminiscence for people living with blindness: Practices, tensions and probing new design possibilities."

2011 – 2017

B.CS. Honours Computer Science (Co-op Program)

University of Waterloo
Cheriton School of Computer Science
Waterloo, Ontario, Canada

ACADEMIC AWARDS & RECOGNITION

- 2026 Best paper award at CHI 2026, Barcelona, Spain
- 2026 Best pictorial award at TEI 2026, Chicago, United States
- 2024 Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship Award
- 2020 Best paper honourable mention award at DIS 2020, Eindhoven, Netherlands

WORK EXPERIENCE

06/2025 – Present

Research Assistant

Simon Fraser University
Homeware Lab
Surrey, British Columbia, Canada
Project: Slow Lamp
Advisor: William Odom

05/2022 – 08/2025

Research Assistant

Simon Fraser University
Homeware Lab
Surrey, British Columbia, Canada
Project: Queue Player

Advisor: William Odom

09/2019 – 04/2025 **Research Assistant**
Simon Fraser University
Everyday Design Studio
Surrey, British Columbia, Canada
Project: Capra
Advisor: William Odom

09/2018 – 08/2019 **Research Assistant**
Simon Fraser University
Everyday Design Studio
Surrey, British Columbia, Canada
Project: Olo Radio
Advisor: William Odom

09/2016 – 12/2016 **Research Assistant**
University of Waterloo
Human Computer Interaction Lab
Waterloo, Ontario, Canada
Project: Near-Eye PIN Entry
Advisor: Daniel Vogel

01/2016 – 04/2016 **Research Assistant**
University of Waterloo
Human Computer Interaction Lab
Waterloo, Ontario, Canada
Project: Handedness
Advisor: Jeffery Avery

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

TEACHING EXPERIENCE

Spring 2023,
Fall 2022

IAT 201 Human-Computer Interaction and Cognition
Teaching Assistant

	School of Interactive Arts and Technology Simon Fraser University
Spring 2021 & Fall 2020	IAT 210 Introduction to Game Studies: Theory and Design <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University
Spring 2020	IAT 805 Graduate Research Colloquium <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University
Fall 2019	IAT 167 Digital Games: Genre, Structure, Programming and Play <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University

CERTIFICATE

04/2022	Instructor Skills Workshop <i>Centre for Educational Excellence</i> Simon Fraser University
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SCHOLARSHIP, FUNDING & GRANTS

2025	SFU Travel & Research Award (Summer 2025, \$1,000 CAD)
2024	SSHRC Doctoral Fellowship Award (2-year term, \$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 & 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 & 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 & Research Award (Spring/Summer 2022, \$2,150 CAD)
2021	SFU Travel & 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 PAPERS

- [C11] Odom, W., Barnett, S., White, J., **Yoo, M.**, Brand, N., Lin, H. (2026). Becoming Watchful on the Trail and at Home: Understanding Experiential Outcomes of Capra in Long-Term Use. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI'26)*, Apr 13–17, 2026, Barcelona, Spain. ACM Press. ***Best Paper Award***
- [C10] Pinder, S., Odom, W., Barnett, S., **Yoo, M.**, Misra, A., Lin, H. (2026). Queue Player: On the Anatomy of a Slow Technology for Co-Listening In, Over, and Across Time. In *Proceedings of the Twentieth International Conference on Tangible, Embedded, and Embodied Interaction (TEI'26)*, Mar 8–11, 2026, Chicago, Illinois, USA. ACM Press. ***Best Pictorial Award***
- [C9] **Yoo, M.**, Ppali, S., Odom, W., Zhuang, Y., Kritika, K., Olson, W., Wiczorek, C., Biggs, H., Berger, A., Desjardins, A., Wakkary, R., Ringland, K. (2025). Translating HCI Research to Broader Audiences: Motivation, Inspiration, and Critical Factors on Alternative Research Outcomes. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI'25)*, Apr 26–May 1, 2025, Yokohama, Japan. ACM Press.
- [C8] Pinder, S., Odom, W., Barnett, S., **Yoo, M.**, Misra, A., Lin, H. (2025). Queue Player: Investigating Distributed Co-Listening Experiences for Social Connection across Space, Time, and Tempo. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI'25)*, Apr 26–May 1, 2025, Yokohama, Japan. ACM Press.
- [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., Shamsher, 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

- [WO4] **Yoo, M.**, Ppali, S., Wiezorek, C., Noh, H., Han, SH., Carter, ARL., Riggs, AT., Haghghi, N., Ruitenburg, Y., Odom, W. (2026). What Comes After Research? Exploring Alternative Research Outcomes in HCI. In *Companion Publication of the 2026 CHI Conference on Human Factors in Computing Systems (CHI'26)*, Apr 13–17, 2026, Barcelona, Spain. ACM Press.
- [WO3] Ppali, S., Constantinides, M., Liarakapis, F., Farao, J., Anvari, S., Wehbe, R., Rodgers, S., Brereton, M., Altarriba Bertran, F., **Yoo, M.**, Han, J., Covaci, A. (2025). Cite your well-being first: Navigating the Impact of Personal Life and Mental Health on HCI Research. In *Companion Publication of the 2025 ACM Designing Interactive Systems Conference (DIS'25)*. July 2025, Funchal, Madeira. ACM Press.
- [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.

REVIEWED CONFERENCE WORKSHOP PAPERS

- [WP4] **Yoo, M.**, Odom, W. (2026). Co-Speculating the Living Archive with People with Blindness: Design Fictions of Longitudinal Engagement and Narrative Agency. In Workshop Proceedings of *The Quality of Speculation: Common Ground for Speculative Design in Human-Computer Interaction?* April 2026, Barcelona, Spain. ACM CHI'26.
- [WP3] **Yoo, M.**, Pinder, S., Barnett, S., Odom, W. (2025). Design Artifacts, Participants and Continued Dialogue: What Happens During and After the Deployment?. In Workshop Proceedings of *Workshop Proceedings of Research Products and Time: When, For How Long, And Then What?* April 2025, Yokohama, Japan. ACM CHI'25.
- [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. ACM 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 *1st Person Research Methods in HCI*. June 2019, San Diego, United States. ACM DIS'19.

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.

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

- 2026 *Beyond the Paper: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Visual and Interactive Computing Institute (VINCI)@SFU.
Simon Fraser University, Burnaby, Canada. Mar 4, 2026.
- 2025 *Navigating Uncertainty in Research: Answering Questions That Do Not Have Answers*
Invited Presentation at the 5th KDD Tech Conference.
Vancouver Korean Developers and Designers (KDD) Group, Vancouver, Canada. Aug 30, 2025.
- Homeware Lab: Slow Technology and Co-Design Approaches in Research through Design*
Invited Presentation at Victoria Interactive eXperiences with Information (VIXI) Group.
University of Victoria, Victoria, Canada. Jun 24, 2025.
- From Research Questions to Outcomes: What is Research through Design?*
Invited Workshop at HCI+Design Lab.
Seoul National University, Seoul, South Korea. May 22, 2025.
- Translating HCI Research to Broader Audiences: Motivation, Inspiration, and Critical Factors on Alternative Research Outcomes*
Invited Presentation at HCI@KAIST.
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. May 19, 2025.
- 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, Sharing 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 AND PROGRAM COMMITTEE

Associate Chair, ACM DIS 2026 Papers Program (Research through Design SC)

Associate Chair, ACM CHI 2026 Papers Program (Design SC)

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

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

Evaluation Committee, Roboethics Competition @ IEEE RO-MAN 2021

CONFERENCE AND JOURNAL REVIEWER

ACM Designing Interactive Systems (DIS) 2020 / 21 / 22 / 24 / 25 / 26

ACM Human Factors in Computing Systems (CHI) 2021 / 22 / 23 / 24 / 25 / 26

ACM Tangible and Embedded Interaction (TEI) 2024 / 25

ACM User Interface Software and Technology (UIST) 2025

ACM Mensch und Computer (MuC) 2024

ACM Transactions on Accessible Computing (TACCESS) 2023

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

MEMBERSHIP

Association for Computing Machinery, Special Interest Group on Computer Human Interaction