

Minjung Park

✉ mpark2@andrew.cmu.edu

🏠 cs.cmu.edu/~mpark2

🏠 [google scholar](#)

RESEARCH INTERESTS

Human-AI Interaction, Human-Centered AI, AI Innovation, AI in Healthcare

EDUCATION

Carnegie Mellon University | Ph.D. in Human-Computer Interaction Aug. 2023 - Present
Advisors: John Zimmerman, Jodi Forlizzi | School of Computer Science

KAIST | M.Sc. in Industrial Design Sep. 2021 - Jun. 2023
Hyeon-Jeong Suk(Chair), Youn-Kyung Lim, Sangsu Lee

KAIST | B.Sc. in Industrial Design Mar. 2018 - Aug. 2021
early graduation | Advisor: Youn-Kyung Lim

PUBLICATIONS

Conference & Journal Papers

- [c.6] **Minjung Park**, Shuhao Ma, Aashka P Pallath, Tingyu Su, Ashveen Banga, Jeremy M. Kahn, Jodi Forlizzi, and John Zimmerman. **Co-Designing Care Coordination and Adherence in the ICU**. In *ACM SIGCHI Conference on Designing Interactive Systems, DIS '26*(under review).
- [c.5] Samsara Foubert, **Minjung Park**, Kanad Pardeshi, Robert McDaniel, David Merrick, Tom, Robin Murphy, Aarti Singh, and Hoda Heidari. **Investigating the Role of AI in Emergency Management: Use Cases, Challenges, and Opportunities**. In *ACM Conference on Fairness, Accountability, and Transparency, FAccT '26*(under review).
- [c.4] Franky Spektor, Shivani Kapania, **Minjung Park**, Olivia Terry, Jodi Forlizzi and Sarah Fox. **Designing Worker-Led Documentation Practices: How Unionized Cleaners Articulate Harm Beyond Reporting**. In *ACM SIGCHI Conference on Designing Interactive Systems, DIS '26*(under review).
- [c.3] **Minjung Park**, Jodi Forlizzi, and John Zimmerman. **Exploring the Innovation Opportunities for Pre-trained Models**. In *ACM SIGCHI Conference on Designing Interactive Systems, DIS '25*.
- [c.2] Ji-Youn Jung, Devansh Saxena, **Minjung Park**, Jini Kim, Jodi Forlizzi, Kenneth Holstein and John Zimmerman. **Making the Right Thing: Bridging HCI and RAI in Early-Stage AI Concept Selection**. In *ACM SIGCHI Conference on Designing Interactive Systems, DIS '25*.
- [c.1] Keunwoo Kim, **Minjung Park**, and Youn-Kyung Lim. **Guiding Preferred Driving Style Using Voice in Autonomous Vehicles: An On-Road Wizard-of-OZ Study**. In *ACM SIGCHI Conference on Designing Interactive Systems, DIS '21*.
- [j.3] **Minjung Park** and Hyeon-Jeong Suk. **The characteristics of facial emotions expressed in Memojis**. In *Computers in Human Behavior Report (companion journal to Computer in Human Behavior, IF=8.3)*.
- [j.2] **Minjung Park**, Soyeong Min, Taesoo Kim, and Hyeon-Jeong Suk. **Investigating the Relationship between Vehicle Front-Images and Voice-Assistants**. In *Korean Society for Emotion and Sensibility*.
- [j.1] Taesu Kim, Gyunpyo Lee, **Minjung Park**, Homg min Lee, Ji-Woo Park, and Hyeon-Jeong Suk. **User Responses to Dynamic Light in Automobiles with EEG and Self-Assessment**. *IEEE Access*.

Posters & Workshop Papers

- [p.3] **Minjung Park** and Abena Boadi-Agyemang. **Designing Interactive Agents to Support Emotion Regulation in the Workplace through Guided Art-Making.** *In the ACM/IEEE International Conference on Human-Robot Interaction 2024 (HRI'24).*
- [p.2] **Minjung Park** and Hyeon-Jeong Suk. **New Mobile Adaptation System for Better Avatar-Mediated Communication: Facial Expression in Memoji.** *In the ACM international Conference on Mobile Human-Computer Interaction 2022 (MobileHCI'22).*
- [p.1] Jaehong Kim, Chaeyoon Jeong, Mooyeol Oh, **Minjung Park**, Meeyoung Cha, and Wonjae Lee. **Emotions that Make Online Petitions Successful: A contrasting View of Private Signing and Public Sharing.** *In international Conference on Computational Social Science 2022 (IC2S2'22).*
- [w.1] **Minjung Park** and Hyeon-Jeong Suk. **Emotional Expression in Memoji.** *In CHI 2022 Workshop (Future of Emotion in HCI).*

PATENTS

Unmanned Aerial Vehicle	<i>Korean patent #1020150114725</i>
Water Duster Cleaner with Water Supply Control Capabilities	<i>Korean patent #1020150116542</i>
Clean Tool Using Static Electricity	<i>Korean patent #1020150116965</i>
Cleaning Goods for Disinfection	<i>Korean patent #1020200027776</i>

HONORS AND AWARDS

IF Award in communication design Stock information app service which visualizes past stock charts through sentiment analysis. (selected among 11000+ submissions)	<i>May. 2022</i>
Most Contributed-to-Creativity Student Honored with the title of most Creativity Student in Tokyo Tech's 2022 online summer school.	<i>2022</i>
Leadership Mileage Certificate, KAIST Honor for top 3% among 3,600+ students with top achievements in leadership activities including volunteering and campus activities.	<i>2020</i>
Scholarship of Mintsage Received a \$200 Industrial Design scholarship from Mintsage for outstanding design accomplishments.	<i>Nov. 2019</i>
Intel ISEF Selected as a finalist among more than 1,800 outstanding students and as a representative of Korea in material science.	<i>2017</i>
Talent Award of Korea A total of 100 people are selected as Korea's next leaders. (Award of Deputy Prime Minister and Minister of Education with \$3000 scholarship)	<i>2016</i>

INVITED TALK

Invited Speaker @ UIUC SALT Lab, lead by Yun Huang	<i>Aug. 2025</i>
Invited Speaker @ Northeastern CHAI Lab, lead by Smit Desai	<i>Jul. 2025</i>

ACADEMIC SERVICES

Volunteer

DIS 2026 : Social Media Chair

DIS 2025 : PC meeting student volunteer

MobileHCI 2022 : SV's t-shirt designer

Proceed to the in-person conference in more than 20 hours and selected as Gifted Artist

Reviewing

ACM/SIGCHI Conference on Designing Interactive Systems (DIS) 2025 2024

ACM/SIGCHI Conference on Human Factors in Computing Systems (CHI) 2026, 2025, 2024, 2023

Computers in Human Behavior Journal

ACM/SIGCHI Conference on Human Robot Interaction (HRI) 2024

RESEARCH MENTORSHIP

SCS HCII Independent Studies (mentoring)

Sep. 2024 - current

- Amanda Liu | CMU MIIPs

Sep. 2025 - current

- Tingyu Su | CMU MIIPs, now @ Youlify

Sep. 2024 - Dec. 2024

- Katherine Niuu | CMU MHCI, now @ Capital One

Sep. 2024 - Dec. 2024

- Ashveen Banga | CMU undergrad CS

Sep. 2024 - Dec. 2024

- Dian Zhu | CMU undergrad CS

Sep. 2023 - May. 2024

- Chen Fang | CMU undergrad CS, now @Speak

Sep. 2023 - Dec. 2023

TEACHING POSITION

User-Centered Research and Evaluation | CMU, Teaching Assistant

Spring 2026

Persuasive Design | CMU, Teaching Assistant

Fall 2025

Design Methodology | KAIST, Teaching Assistant

Spring 2022

EXTRACURRICULAR ACTIVITIES

CMU Undergrad AI mentoring program (committee)

July. 2024 - Present

SCS PhD Applicants Mentor

2024, 2025

Korean Class Volunteering Work

Sep. 2023 - Present

A teacher of Korean Class at Carnegie Library

KAIST Student Ambassador, KAINURI

Mar. 2018 - Feb. 2020

A member of Social Media Team

KAIST Vision Magazine Editor

Mar. 2018 - Feb. 2020

THE-KAIST Innovation & Impact Summit

Mar. 2019

Protocol Manager

KAIST Undergraduate Tennis Club

Mar. 2018 - Dec. 2018

A member of executives in 2018.

KAIST Freshmen Student Volunteer

2018