

Hankyung Kim

UX Researcher & Designer

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST), Mar. 2019 - Feb. 2025

Ph.D. in Industrial Design

Committee: Youn-kyung Lim (chair), Hwajung Hong, Juho Kim, Sangsu Lee, and Tak Yeon Lee

Thesis: Teaching-Learning Interaction: A New Interaction Design Concept for Design-in-Use of Everyday AI Systems

Korea Advanced Institute of Science and Technology (KAIST), Mar. 2017 - Feb. 2019

Master of Science in Industrial Design

Committee: Youn-kyung Lim (chair), Sangsu Lee, and Woohun Lee

Thesis: Design Guide for Manifesting Consistent Personality of a Conversational Agent

Korea Advanced Institute of Science and Technology (KAIST), Sep. 2011 - Feb. 2017

Bachelor of Science in Industrial Design

WORK EXPERIENCE

Samsung Electronics | UX Strategy Team, Mar 4, 2025 - current

Senior Design Researcher

RESEARCH INTEREST

Human-AI interaction; human-centered AI; experience-centered design; interaction design; UX design; design theories and methods

PUBLICATIONS

International Conference

1. **Reimagining Personal Data: Unlocking the Potential of AI-Generated Images in Personal Data Meaning-Making**
Soobin Park, Hankyung Kim and Youn-kyung Lim
In Proceedings of CHI '25
2. **Investigating the Potential of Group Recommendation Systems As a Medium of Social Interactions: A Case of Spotify Blend Experiences between Two Users**
Daehyun Kwak, Soobin Park, Inha Cha, Hankyung Kim and Youn-kyung Lim
In Proceedings of CHI '24
3. **Investigating How Users Design Everyday Intelligent Systems in Use**
Hankyung Kim and Youn-kyung Lim
In Proceedings of DIS '23
4. **Teaching-Learning Interaction: A New Concept for Interaction Design to Support Reflective User Agency in Intelligent Systems**
Hankyung Kim and Youn-kyung Lim
In Proceedings of DIS '21

5. **Understanding How Users Experience the Physiological Expression of Non-humanoid Voice-based Conversational Agent in Healthcare Services**
Inchan Jung, [Hankyung Kim](#), and Youn-kyung Lim
In Proceedings of DIS '21
6. **Developing a Design Guide for Consistent Manifestation of Conversational Agent Personalities**
[Hankyung Kim](#), Dong Yoon Koh, Gaeun Lee, Jung-Mi Park, and Youn-kyung Lim
In Proceedings of IASDR '19
7. **Group Storymaking: Understanding an Unfamiliar Target Group through Participatory Storytelling**
[Hankyung Kim](#), Soonju Lee, and Youn-kyung Lim
In Proceedings of IASDR '17
8. **FutureSelf: What Happens When We Forecast Self-Trackers' Future Health Statuses**
Saeyoung Rho, Injung Lee, [Hankyung Kim](#), Jonghyuk Jung, Hyungi Kim, Bong Gwan Jun, and Youn-kyung Lim
In Proceedings of DIS '17 [Honorable Mention Award]

Extended Abstracts

1. **Exploring Users' Experiences of "Suggested Posts" in Social Media Through the Lens of Social Networking and Interactions**
Daehyun Kwak, [Hankyung Kim](#), and Youn-kyung Lim
In Proceedings of CSCW'22 Companion
2. **Utilitarian or Relational? Exploring Indicators of User Orientation Towards Intelligent Agents**
[Hankyung Kim](#), Hoyeon Nam, Uichin Lee, and Youn-kyung Lim
In Proceedings of HCII '21 Posters
3. **User Experience of Agent-mediated Interactions with Multiple Conversational Agents**
Hoyeon Nam, [Hankyung Kim](#), and Youn-kyung Lim
In Proceedings of HCII '21 Posters
4. **Hurdle Relay: A Participatory Design Method for Understanding the Information Gap Through Iterative Comparison**
Keunwoo Kim, Seo Yeon Jang, Hyeonju Park, Kyung Je Jo, [Hankyung Kim](#), and Youn-kyung Lim
In Proceedings of HCII '21 Posters
5. **Leveraging Personality to Design Expression for AI Based Embodied Agents**
Gaeun Lee, Jung-Mi Park, Yujin Won, [Hankyung Kim](#), and Youn-kyung Lim
In Proceedings of HCII '19 Posters
6. **Designing Personalities of Conversational Agents**
[Hankyung Kim](#), Dong Yoon Koh, Gaeun Lee, Jung-Mi Park, and Youn-kyung Lim
In Proceedings of CHI EA '19

FUNDED RESEARCH PROEJCTS

1. **Developing User Scenarios for Augmented Reality-Based Smart Homes**
Nov 2023 – Apr 2024 | Samsung Electronics DV Division sponsored | Project Manager
2. **Developing User-Empowering Teaching-Learning Based AI Interaction Model and Design System**
Mar 2021 – Feb 2025 | National Research Foundation of Korea (NRF) sponsored | Project Manager

3. **Research on UX/UI Design in AI Environments for Reflective Behavior Change for Improving Sleeping Habits**
Apr 2021 – May 2023 | Asleep & National Research Foundation of Korea (NRF) Asleep sponsored | Researcher
4. **Research on Chatbot and Voice UI/UX for NEXT mobile application**
Jun 2020 – Dec 2020 | NH Investment & Securities sponsored | Project Manager
5. **Developing Intelligent Interaction Technology Based on Context Awareness and Human Intention Understanding**
Mar 2017 – Dec 2020 | Ministry of Science and ICT sponsored | Researcher
6. **Developing a Design Guide for Consistent Manifestation of Personalities of Conversational Agents**
May 2018 – Jan 2019 | Samsung Research sponsored | Project Manager

PATENTS

1. **Image-Generative AI-Based Personal Informatics System and Interface for Personal Data Visualization and Memo/Diary Writing Support**
Application no.: 10-2024-0045281
Soobin Park, Hankyung Kim, and Youn-kyung Lim
2. **Method for Providing Interactive Messages Based on Heterogeneous Mental Models in Intelligent Agents and System Therefore**
Patent No.: 10-2449948-0000
Hankyung Kim, Dajung Kim, and Youn-kyung Lim
3. **A Method and Apparatus for Automatic Identification of Interaction Preference Styles With Artificial Intelligence Agent Services Using Smart Devices**
Patent No.: 10-2349589-0000
Uichin Lee, Hansoo Lee, Youn-kyung Lim, Hankyung Kim, and Woohyeok Choi
4. **Teaching-Learning Interaction Method Between Users and AI Systems for Personalized AI Service Design and Apparatus Therefore**
Patent No.: 10-2404626-0000
Hankyung Kim, Hoyeon Nam, and Youn-kyung Lim
5. **User Interests Duration Learning Method of Content Recommendation System and Apparatus Therefore**
Patent No.: 10-2352994-0000
Hoyeon Nam, Hankyung Kim, and Youn-kyung Lim

INVITED TALKS

Special talk at Sungshin Women's University

Dec. 5, 2024

Title: Tips on Writing and Presenting Design Research Papers

Special talk at NAVER

June 27, 2023

Title: Reconsidering the Role of Users in the Era of AI-Powered Personalization

Special talk at Sungshin Women's University

Sep. 6, 2022, for [Service Capstone Design] class

Title: Design for User-Empowering Human-AI Interaction in Everyday Intelligent Systems

EXHIBITIONS

Salone Satellite, Salone del Mobile.Milano ‘19

Exhibition of studio project “EasyKu” with Chanwook Kim and Moojin Joh

Global Grad Show, Dubai Design Week ‘17

Exhibition of studio project “EasyKu” with Chanwook Kim and Moojin Joh

ACADEMIC SERVICES

DIS 2025 Full Paper Review

CHI 2024 Full Paper Review

DIS 2024 PWiP Program AC & Full Paper Review

CSCW 2024 Full Paper Review

TEI 2024 Pictorial Review

DIS 2023 Full Paper Review

CHI 2022 Late-Breaking Work Review

IASDR 2021 Full Paper Review

DIS 2021 Full Paper Review

C&C 2021 Short Paper Review

CHI 2021 Late-Breaking Work Review

CHI 2020 Late-Breaking Work Review

TEACHING EXPERIENCE

Fall 2017, Fall 2019 | Teaching Assistant

User Experience Design (undergraduate course by Prof. Youn-kyung Lim)

Spring 2019 | Teaching Assistant

User-centered Design Methodology (graduate course by Prof. Youn-kyung Lim)

Spring 2018 | Teaching Assistant

Graduation Design Studio I (undergraduate course by Prof. Youn-kyung Lim)