

Inha Cha

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RESEARCH INTERESTS

Human-Computer Interaction (HCI), Science & Technology Studies (STS)

- Human-centered Machine Learning, Design Research, UX Research.

EDUCATION

Georgia Institute of Technology, Atlanta, United States

Aug 2023 – Present

- Ph.D. in Digital Media
 - Advisor: Dr. Richmond Wong

KAIST, Daejeon, Republic of Korea

Feb 2019 – Aug 2021

- M.S. in Industrial Design
 - Thesis: Developing a Framework for a Value-sensitive Design of Artificial Intelligence Agents
 - Advisor: Dr. Youn-kyung Lim

Royal Institute of Technology (KTH), Stockholm, Sweden

Jan 2020 – Feb 2020

- Exchange Student, Dept. of Electrical Engineering and Computer Science
- Discontinued exchange program due to COVID-19

Seoul National University, Seoul, Republic of Korea

Mar 2015 – Feb 2019

- B.A. in Aesthetics, College of Humanities
- B.A. in Information Science and Culture Study
 - Graduated *Cum Laude*

PUBLICATIONS

Conference and Journal Papers (* indicates equal contribution)

- [8] Discovering Factor Level Preferences to Improve Human-Model Alignment
In Review
- [7] Understanding Socio-technical Factors Configuring AI Non-Use in UX Work Practices
In Review
- [6] Ethics Pathways: A Design Activity for Reflecting on Ethical Engagement in HCI Research
Inha Cha*, Ajit Pillai*, and Richmond Wong
DIS 2024
- [5] Investigating the Potential of Group Recommendation Systems As a Medium of Social Interactions: A Case of Experiences Between Two Users
Daehyun Kwak, Soobin Park, **Inha Cha**, Hankyung Kim, and Youn-kyung Lim
CHI 2024
- [4] Unlocking the Tacit Knowledge of Data Work in Machine Learning
Inha Cha*, Juhyun Oh*, Cheul Young Park*, Jiyeon Han, and Hwalsuk Lee
CHI 2023 LBW (Late-Breaking Work).
- [3] Exploring the Use of a Voice-based Conversational Agent to Empower Adolescents with Autism Spectrum Disorder
Inha Cha, Sung-In Kim, Hwajung Hong, Heejeong Yoo, Youn-kyung Lim
CHI 2021.

- [2] Toward Becoming a Better Self: Understanding Self-Tracking Experiences of Adolescents with Autism Spectrum Disorder Using Custom Trackers
Sung-In Kim, Eunkyung Jo, Myeonghan Ryu, **Inha Cha**, Young-Ho Kim, Heejeung Yoo, Hwajung Hong
PervasiveHealth 2019.
- [1] A Study for Specializing a Chatbot-based Self-Management Program for Adolescents with Autism Spectrum Disorder
Sung-In Kim, Myeonghan Ryu, Eunkyung Jo, **Inha Cha**, Young-Ho Kim, Heejeong Yoo, Hwajung Hong
HCI Korea 2019.

Posters & Archival Workshop Papers

- [3] The Generative AI Paradox on LLM Evaluation: "What It Can Solve, It May Not Evaluate"
Juhyun Oh*, Eunsu Kim*, **Inha Cha***, and Alice Oh
EACL 2024 Student Research Workshop
- [2]] Human-centered Proposition for Structuring Data Construction
Inha Cha*, Juhyun Oh*, Cheul Young Park*
NeurIPS 2022 Workshop. (Human-Centered AI). Invited as a Panel.
- [1] A Study to Explore the Use of a Voice-Based Conversational Agent As a Conversational Partner for Adolescents with Autism Spectrum Disorder
Inha Cha, Sung-In Kim, Hwajung Hong, Heejeong Yoo, Youn-kyung Lim
INSAR 2020. (International Meeting for Autism Research)

Non-Archival Workshop Papers

- [2] Unveiling human influences in dataset construction for Document Text OCR system
Juhyun Oh, **Inha Cha**, Jiyeon Han, Sungrae, Park, and Hwalsuk Lee
CHI 2022 Workshop. (Investigating Data Work Across Domains: New Perspectives on the Work of Creating Data)
- [1] Challenges in Devising Resources for Ethics: What Should We Consider When Designing Toolkits to Tackle AI Ethical Issues for Practitioners?
Inha Cha, Youn-kyung Lim
CHI 2021 Workshop. (Co-designing Ethics Resources for HCI Education)

RESEARCH EXPERIENCE

Creating Ethics Infrastructures Lab , Georgia Tech	Aug 2023 – Present
<ul style="list-style-type: none"> Research Assistant <ul style="list-style-type: none"> Advisor: Prof. Richmond Wong 	
Creative Interaction Design Lab , KAIST	Mar 2019 – Aug 2021
<ul style="list-style-type: none"> Research Assistant <ul style="list-style-type: none"> Advisor: Prof. Youn-kyung Lim 	
Data, Interaction, Design Lab , Seoul National University	Jul 2018 – Feb 2019
<ul style="list-style-type: none"> Undergraduate Research Intern <ul style="list-style-type: none"> Advisor: Prof. Hwajung Hong 	
UX Lab , Seoul National University	Nov 2016 – Feb 2017
<ul style="list-style-type: none"> Undergraduate Design Intern <ul style="list-style-type: none"> Advisor: Prof. Joong seek Lee 	

PROFESSIONAL EXPERIENCE	AI Product UX Designer , Upstage	Nov 2021 – Jul 2023
	<ul style="list-style-type: none"> Designed data annotation tools for OCR & Parsing engines Designed OCR MLops platforms focusing on functions for managing datasets Conducted HCI research on structuring human engagements in dataset construction for ML systems 	
	HRI Design Intern , NAVER LABS	Jul 2020 – Aug 2020
	<ul style="list-style-type: none"> Designed a mobile robot working in medium-sized marts 	
GRANTS	AIAI Seed Grant , AIAI Network	Jan 2025 – Sep 2025
	<ul style="list-style-type: none"> PI: Inha Cha Award Amount: \$5,000 	
TEACHING EXPERIENCE	Instructor , <i>Justice-oriented Design and Critical Computing</i> , Georgia Tech	May 2024 – Jul 2024
	<ul style="list-style-type: none"> A seminar course (CS 8001) in the Department of Online Master of Science in Computer Science. Taught a one-credit seminar course on critical computing and justice-oriented design. Received a Thank-a-Teacher recognition 	
	Teaching Assistant , <i>User-Centered Design Methodologies</i> (ID508), KAIST	Mar 2021 – Aug 2021
	<ul style="list-style-type: none"> Mentored graduate students with UX design & research methods TA evaluation: 4.8/5.0 	
	Teaching Assistant , <i>Photo Techniques</i> (ID218), KAIST	Mar 2021 – Aug 2021
	<ul style="list-style-type: none"> Mentored undergraduate students with Photo Techniques 	
	Academic Counseling Assistant , KAIST	Mar 2019 – Aug 2019
	<ul style="list-style-type: none"> Mentored undergraduate and graduate students in Dept. of Industrial Design 	
	Student Tutor , <i>Life and Humanities</i> (100.165), Seoul National University	Mar 2019 – Aug 2019
	<ul style="list-style-type: none"> Mentored undergraduate freshmen 	
AWARDS & HONORS	Thanks-a-Teacher , Center for Teaching and Learning, Georgia Tech	Dec 2024
	<ul style="list-style-type: none"> Recognition for excellence in teaching and positive impact on student learning (CS 8001). Awarded by the Center for Teaching and Learning at Georgia Tech. 	
	Graduate Student Scholarship , Kwanjeong Educational Foundation	Mar 2019 – Aug 2021
	<ul style="list-style-type: none"> Merit-based scholarship for graduate studies funded by Kwanjeong Educational Foundation Awarded 10,000 USD per year 	
	National Winner , James Dyson Design & Engineering Award	Sep 2019
	<ul style="list-style-type: none"> Designed a working prototype that makes post-it with scrap paper [Video] Awards committees: Dennis Hong (UCLA), Huisung Lee (UNIST), Changsup Oh (KU) 	
	Best Undergraduate Thesis Award , Seoul National University	Feb 2019
	<ul style="list-style-type: none"> Won third place in Best Undergraduate Thesis Award. Juried by the faculty of the Humanities department. 	
INVITED TALKS AND PANELS	Invited Talk , <i>Navigating Ethical Pathways in HCI Research</i> , Mila	Jul 2024

- Shared Ethics Pathways (DIS 2024) with HCI and AI researchers, Mila, Zoom.

Invited Talk, *AI for Smart Life*, KAIST

Nov 2021

- Title: Understanding the Issues of Addressing Fairness in Designing AI Agents
- Class: Special Topics in Smart Convergence : AI for Smart Life CoE491(A), KAIST, Zoom.
- Instructors: Profs. Tak-yeon Lee, Juho Kim, Doh Young Yim

Invited Talk, Dept. of Information Science & Culture, Seoul National University

Apr 2021

- Title: Who is the user of User-centered Design?
- Program: ISC undergraduate seminar, Zoom.

ACADEMIC SERVICES

Reviewer: ACM DIS (2023, 2024), ACM CHI (2022, 2024: 3 Special Recognitions for Outstanding Reviews), ACM CHI LBW (2024)

Volunteer: ACM FAccT (2022), ACM DIS (2021, 2024)

REFERENCES

Richmond Wong, Assistant Professor

- Digital Media graduate program, Georgia Tech
- rwong34@gatech.edu

Youn-kyung Lim, Professor

- Dept. of Industrial Design, Korea Advanced Institute of Science and Technology (KAIST)
- younlim@kaist.ac.kr

Hwajung Hong, Associate Professor

- Dept. of Industrial Design, Korea Advanced Institute of Science and Technology (KAIST)
- hwajung@kaist.ac.kr

SKILLS

Languages

- Korean (Native), English (Fluent)

Qualitative Design Research Method

- Participatory Design, Contextual Inquiry, Ethnography, Diary Study, Focus Group, Wizard of OZ, and Thematic Analysis

Prototyping and Graphics Tools

- Figma, Adobe Illustrator/Photoshop/Premiere Pro, Autodesk Fusion 360, and Blender

[Last update: 2024-12-24]