

Yoonsu Kim

Ph.D. Student | HCI Researcher

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Research Interests

My research interests include around **Human-Computer Interaction, Human-Centered AI, and Human-AI collaboration.**

I am passionate about developing new interactions and systems that help people better utilize AI technology and understand the difficulties in using or trying to use it.

Education

KAIST

Ph.D. in School of Computing

Advisor: [Juho Kim](#)

Feb 2024 - Present

Daejeon, Republic of Korea

KAIST

M.S. in AI (Specialization: Human-AI Interaction)

Advisor: [Juho Kim](#)

Feb 2022 - Feb 2024

Daejeon, Republic of Korea

POSTECH

B.S. in Computer Science and Engineering

Magna cum laude

Feb 2017 - Feb 2022

Pohang, Republic of Korea

Publications

Conferences and Journal Papers

- [C1] **Understanding Users' Dissatisfaction with ChatGPT Responses: Types, Resolving Tactics, and the Effect of Knowledge Level**

Yoonsu Kim, Jueon Lee, Seoyoung Kim, Jaehyuk Park, Juho Kim

ACM Conference on Intelligent User Interfaces (IUI 2024)

- [C2] **AI-to-Human Actuation: AI Proactively Induces Humans towards Favorable Sensing Conditions**

Sungjae Cho, Yoonsu Kim, Jaewoong Jang, Inseok Hwang

Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT 2023).

Posters, Demos, and Workshop Papers

- [D1] **Beyond Prompts: Learning from Human Communication for Enhanced AI Intent Alignment**

Yoonsu Kim, Kihoon Son, Seoyoung Kim, Juho Kim

Proceedings of CHI Conference on Human Factors in Computing Systems (CHI'24 Getting Back Together Workshop)

- [D2] **RECIPE: How to Integrate ChatGPT into EFL Writing Education**

Jieun Han, Haneul Yoo, Yoonsu Kim, Junho Myung, Minsun Kim, Hyunseung Lim, Juho Kim, Tak

Last updated: May 12, 2024

Yeon Lee, Hwajung Hong, So-Yeon Ahn, Alice Oh
Proceedings of the Tenth ACM Conference on Learning @ Scale (L@S 2023, WIP).

[D3] **Towards Understanding the Challenges and Remedies in AI Application Development**
Dae Hyun Kim*, **Yoonsu Kim***, Hyungyu Shin, Jinho Son, Juho Kim (* Corresponding authors)
Korea Computer Congress 2023 (KCC 2023)

[D4] **Demonstrating AHA: Boosting Unmodified AI's Robustness by Proactively Inducing Favorable Human Sensing Conditions**
Sungjae Cho, Jaewoong Jang, **Yoonsu Kim**, Inseok Hwang
Adjunct Proceedings of the 2023 ACM International Joint Conference on Pervasive and Ubiquitous Computing & the 2023 ACM International Symposium on Wearable Computing (UbiComp/ISWC '23 Adjunct)

Experiences

HIS Lab (Human-Centered Intelligent System Lab in POSTECH) Research Intern Human-Computer Interaction, Human-AI Interaction, Embedded AI System	Jun 2021 - Feb 2022 Pohang, Republic of Korea
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NAVER Connect Foundation Manager of boostcamp Web & Mobile, AI Software Education	Feb 2020 - Feb 2021 Seoul, Republic of Korea
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Neuromeka Software Development Intern Android application development for robot manipulation and robot database management	Jun 2019 - Aug 2019 Pohang, Republic of Korea
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Samsung Electronics Co. Research Intern Department of Visual Display, AI • Big Data Lab	Jan 2019 - Feb 2019 Suwon, Republic of Korea
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SK Telecom Software Development Intern Department of Service Platform AI Technology Unit, Knowledge and Technology Cell	Jun 2018 - Aug 2018 Seoul, Republic of Korea
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Scholarship

National Scholarship (Science and Engineering)	2017 - 2023
Global Leadership Program	Mar 2018 - Feb 2020
Samsung Dream Class Scholarship	Jan. 2018 ~ Feb. 2018

Leadership & Service

Leadership

KAIST-Google exploreCSR	Mar 2023 - Present
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Student Organizer

POSTECH Student Council
Director of Welfare Department

Feb 2019 - Feb 2021

POSTECH Library Council
President, Vice President

Mar 2017 - Aug 2019

POSTECH Reader's Club 6
(Awarded by Excellent Mentee)
POSTECH Reader's Club 5

Feb 2019 - Dec 2018

Teaching

POSTECH Programming and Problem Solving (CSED101)
Teaching Mentor

Feb 2021 - Dec 2021

Volunteering

**KOICA WFK Korean Medicine Volunteer Group Overseas Medical
Volunteer Activities**

Dec 2023
Krong Battambang,
Cambodia

**KOICA WFK Korean Medicine Volunteer Group Overseas Medical
Volunteer Activities**

Aug 2019
Toshken, Uzbekistan