

# Yoonsu Kim

Ph.D. Student | HCI Researcher

✉ [yoonsu16@kaist.ac.kr](mailto:yoonsu16@kaist.ac.kr) | [kys00816@gmail.com](mailto:kys00816@gmail.com) 🏠 <https://yoonsu0816.github.io/>

---

## 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 it 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

### Conference 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) (to appear)*

[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, Workshop Papers

[D1] **RECIPE: How to Integrate ChatGPT into EFL Writing Education**

Sungjae Cho, Yoonsu Kim, Jaewoong Jang, Inseok Hwang

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

[D2] **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)*

[D3] **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

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

---

## Scholarship

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

---

## Leadership & Service

### Leadership

|  |                            |
|--|----------------------------|
| <b>KAIST-Google exploreCSR</b><br>Student Organizer              | <b>Mar 2023 - Present</b>  |
| <b>POSTECH Student Council</b><br>Director of Welfare department | <b>Feb 2019 - Feb 2021</b> |

**POSTECH Library Council**

President, Vice President

**Mar 2017 - Aug 2019**

**POSTECH Reader's Club 6**

(Awarded by Excellent Mentee)

**Feb 2019 - Dec 2018**

**POSTECH Reader's Club 5**

## 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