

EUNHYE (GRACE) KIM

gracekim027@kaist.ac.kr
gracekim027.github.io

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Aug 2025 – Present
Daejeon, South Korea

- M.S. in Computer Science
- Advisor: **Juho Kim**

Seoul National University (SNU)

Mar 2020 – Aug 2025
Seoul, South Korea

- B.S. in Computer Science, Industrial Engineering
- Advisor: **Jinwook Seo**

RESEARCH INTEREST

My research lies at the intersection of Human-Computer Interaction and AI, focusing on human-AI cognitive collaboration and how intelligent systems can adapt to users' evolving cognitive needs during complex tasks. I aim to design cognitively-aligned systems that recognize users' mental models and cognitive states, and dynamically adjust to support decision-making while preserving essential human skills and agency.

PUBLICATIONS

CONFERENCE PAPERS

[C1] **In-Situ Adaptive Interfaces for Online Browsing: Design Dimensions for Intent-Responsive Automation and User Control**

Eunhye Kim, Sadat Shams Chowdhury, Hyoungwoo Song, and Bongwon Suh
ACM Intelligent User Interfaces (IUI) 2026

[C2] **Connecting Visual and Textual Sensemaking for Literature Review**

Kiroong Choe, **Eunhye Kim**, Min Hyeong Kim, Suyeon Hwang, Sangwon Park, Nam Wook Kim, and Jinwook Seo
ACM Conference on Human Factors in Computing Systems (CHI) 2026 - Conditionally Accepted

[C3] **BloomIntent: A Multi-Intent Framework for LLM-Based Automated Search Quality Evaluation**

Yoonseo Choi, **Eunhye Kim**, Hyunwoo Kim, Donghyun Park, Honggu Lee, Jinyoung Kim, and Juho Kim
ACM User Interface Software and Technology (UIST) 2025

[C4] **Fields, Bridges, and Foundations: How Researchers Browse Citation Network Visualizations**

Kiroong Choe, **Eunhye Kim**, Sangwon Park, and Jinwook Seo
IEEE Visualization and Visual Analytics (VIS) 2024

WORKSHOP PAPERS

[W1] **Beyond Tools: Understanding How Heavy Users Integrate LLMs into Everyday Tasks and Decision-Making**

Eunhye Kim, Kiroong Choe, Minju Yoo, Sadat Shams Chowdhury, and Jinwook Seo
ACM CHI Workshop (Tools for Thought) 2025

[W2] **User Orientations and Stage-Specific Behaviors in E-commerce Exploratory Search: A Formative Study**

Eunhye Kim, Kiroong Choe, Guangjing Yan, and Mingyu Kang
ACM UMAP Workshop (Hybrid AI for Human-Centric Personalization) 2025

RESEARCH EXPERIENCE

KIXLAB, KAIST Daejeon, South Korea	Jul 2024 – Jun 2025
<i>Research Intern</i>	
<ul style="list-style-type: none">· Developed LLM-based intent diversification and automated search quality evaluation in collaboration with Naver [C3]· Mentors: Yoonseo Choi, Hyunwoo Kim, Advisor: Juho Kim	
Human-Computer Interaction Lab, SNU Seoul, South Korea	Jul 2023 – Jul 2024
<i>Research Intern</i>	
<ul style="list-style-type: none">· Studied how researchers browse citation network visualizations [C4]· Modeled e-commerce search intent using behavioral patterns [W2]· Mentor: Kiroong Choe, Advisor: Jinwook Seo	
Human Interface Systems Lab, SNU Seoul, South Korea	Jan 2023 – Aug 2023
<i>Research Intern</i>	
<ul style="list-style-type: none">· Conducted a systematic literature review on HMIs for Level-4 automated vehicles (Hyundai Motors collaboration)· Advisor: Myungwhan Yun	
Cognitive Computing Lab, SNU Seoul, South Korea	Aug 2021 – Oct 2021
<i>Research Intern</i>	
<ul style="list-style-type: none">· Supported language model research for solving descriptive math problems through data preparation and analysis· Advisor: Gahgene Gweon	

AWARDS & GRANTS

Undergraduate Research Program , Basic Education Institute, SNU	Mar 2025 – Jun 2025
<ul style="list-style-type: none">· Awarded 500,000 KRW (\approx \$370 USD) in research support; built an intent-aware dynamic interface system using LLMs for e-commerce environments. [C1]	
Undergraduate Research Program , College of Liberal Studies, SNU	May 2022 – Nov 2022
<ul style="list-style-type: none">· Awarded 2,000,000 KRW (\approx \$1,500 USD) in research support; led a virtual wardrobe application project using image classification and recommendation.	
Undergraduate Research Program , Basic Education Institute, SNU	May 2022 – Nov 2022
<ul style="list-style-type: none">· Awarded 5,000,000 KRW (\approx \$3,700 USD) in research support; participated in research on developing an mental health chatbot.	

TEACHING & MENTORING

Teaching Assistant, Introduction to Algorithms (CS300) , KAIST	Sep 2025 – Dec 2025
Undergraduate Tutor, Basic Computing , SNU (L0444.000400)	Fall 2024
Undergraduate Tutor, Basic Computing , SNU (L0444.000400)	Fall 2022

SERVICES & TEAMWORK

Student Volunteer , ACM UIST	2025
Poster Reviewer , ACM IUI	2026
iOS Developer & Project Manager , Waffle Studio, SNU	Sep 2022 – Jul 2024
App Designer , Entrepreneurship Support Center, SNU	Sep 2021 – Dec 2021
Member , Women's Football Team, SNU	Sep 2020 – Mar 2021