

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

Research Intern

- 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

Research Intern

- 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

Research Intern

- 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

Research Intern

- 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

- 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

- 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

- 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