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# Eunhye (Grace) Kim

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## EDUCATION

### Korea Advanced Institute of Science and Technology (KAIST)

- MS in Computer Science
- Advisor: Juho Kim

Daejeon, South Korea  
Aug 2025 - Present

### Seoul National University (SNU), College of Liberal Studies

- BS in Computer Science, Industrial Engineering

Seoul, South Korea  
March 2020 - Aug 2025

## RESEARCH INTEREST

My research interests lie 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 can recognize users' mental models and cognitive states, then dynamically adjust to support decision-making while preserving essential human cognitive skills and agency.

## PUBLICATIONS, POSTERS, AND WORKSHOP PAPERS

### [c.1] Fields, Bridges, and Foundations: How Researchers Browse Citation Network Visualizations

Kiroong Choe, [Eunhye Kim](#), Sangwon Park, and Jinwook Seo  
*2024 IEEE Visualization and Visual Analytics (VIS)* [\[PDF\]](#)

### [c.2] 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  
*2025 ACM User Interface Software and Technology (UIST)* [\[PDF\]](#)

### [w.1] 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  
*2025 ACM CHI Workshop (Tools for Thought)* [\[PDF\]](#)

### [w.2] User Orientations and Stage-Specific Behaviors in E-commerce Exploratory Search: A Formative Study

[Eunhye Kim](#), Kiroong Choe, Guangjing Yan, and Mingyu Kang  
*2025 ACM UMAP Workshop (Hybrid AI for Human-Centric Personalization)* [\[PDF\]](#)

## EXPERIENCES

### Research Intern (KIXLAB, KAIST)

- Participated in a project with Naver to leverage LLMs for intent diversification and automatic search engine evaluation [c.2]
- Mentors: Yoonseo Choi, Hyunwoo Kim
- Advisor: Juho Kim

Daejeon, South Korea  
July 2024 - June 2025

### Research Intern (Human-Computer Interaction Lab, SNU)

- Worked on a project that analyzes user perceptions of citation networks [c.1]
- Participated in a project with LG Electronics for creating a human-in-the-loop issue classification and report system using LLMs (Paper under review)
- Worked on a project that models user search intent in E-commerce environments using behavioral patterns [w.2]
- Mentor: Kiroong Choe
- Advisor: Jinwook Seo

Seoul, South Korea  
July 2023 - July 2024

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| <b>Research Intern (Human Interface Systems Lab, SNU)</b> <ul style="list-style-type: none"> <li>Participated in a project with Hyundai Motors and completed a systematic literature review (SLR) on designing human-machine interfaces for level 4 automated vehicles</li> <li>Advisor: Myungwhan Yun</li> </ul> | Seoul, South Korea<br>Jan 2023 - Aug 2023    |
| <b>Research Intern (Cognitive Computing Lab, SNU)</b> <ul style="list-style-type: none"> <li>Worked on data tasks in LMs for solving descriptive math problems</li> <li>Advisor: Gahgene Gweon</li> </ul>                                                                                                         | Seoul, South Korea<br>Aug 2021 - Oct 2021    |
| <b>Undergraduate Research Program (Basic Education Institute, SNU)</b> <ul style="list-style-type: none"> <li>Worked on creating a system that supports intent-aware dynamic interfaces with LLMs in E-commerce environments</li> <li>Advisor: Bongwon Seo</li> </ul>                                             | Seoul, South Korea<br>March 2025 - June 2025 |
| <b>Undergraduate Research Program (College of Liberal Studies, SNU)</b> <ul style="list-style-type: none"> <li>Participated as a team leader for a project on a virtual wardrobe application using image classification and recommendation</li> <li>Participated as an app designer and iOS developer</li> </ul>  | Seoul, South Korea<br>May 2022 - Nov 2022    |
| <b>Undergraduate Research Support Program (Basic Education Institute, SNU)</b> <ul style="list-style-type: none"> <li>Participated in the research with the title “Development of an Empathetic Chatbot for Mitigating and Resolving Negative Emotions”</li> <li>Advisor: Sungryong Koh</li> </ul>                | Seoul, South Korea<br>May 2022 - Nov 2022    |

## TEAMWORK EXPERIENCE

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| <b>iOS Developer and Project Manager (Waffle Studio, SNU)</b> <ul style="list-style-type: none"> <li>Participated as a club member of Waffle Studio, Department of Computer Science and Engineering, SNU</li> <li>Led an app development collaboration project with WeMade</li> </ul> | Sep 2022 - July 2024  |
| <b>Club Member (Bitamin)</b> <ul style="list-style-type: none"> <li>Participated in ML projects in the Big Data Analysis Club “Bitamin”</li> </ul>                                                                                                                                    | Feb 2022 - Dec 2022   |
| <b>Entrepreneurship Club (Entrepreneurship Support Center, SNU)</b> <ul style="list-style-type: none"> <li>Participated as an app designer for a sleep activity monitoring iOS Application</li> </ul>                                                                                 | Sep 2021 - Dec 2021   |
| <b>Club Member (Women’s Football Team, SNU)</b>                                                                                                                                                                                                                                       | Sep 2020 - March 2021 |

## TEACHING

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| <b>Basic Computing: First Adventures in Computing</b> <ul style="list-style-type: none"> <li>SNU L0444.000400 Tutor, Instructor: Sanghyuk Lee</li> </ul> | Fall 2024 |
| <b>Basic Computing: First Adventures in Computing</b> <ul style="list-style-type: none"> <li>SNU L0444.000400 Tutor, Instructor: Haesun Byun</li> </ul>  | Fall 2022 |

## SKILLS & CERTIFICATIONS

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**Languages:** HTML/CSS, JavaScript, TypeScript, Python, Java

**Frameworks:** ReactJS, React Native, SwiftUI

**Libraries:** D3, Redux

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**Other:** Chrome Extensions, Figma, Git, Firebase, FastAPI, LangChain, Prompt Engineering

**Certifications:** TOEFL (119/120), TESAT (Level 1), TOEIC (985/990)