

# Jung Lee

M.S. Student, Seoul National University Human-Centered Computing Lab (HCCL)

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## Research Interests

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My research examines how people build and revise mental models of AI systems as collaborators, as relational partners, and as tools in the workplace. I design and empirically evaluate LLM-based interactive systems to understand how interaction design shapes these models, and how such systems can augment people at work and support their well-being.

## Education

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- **Seoul National University** Seoul, Republic of Korea  
**M.S. in Intelligence and Information** March 2025 – Present
  - Advisor: Prof. Bongwon Suh
  - Coursework: Statistical Analysis for Information Studies; Math and Statistics Foundations for Data Science; Conversational AI; Computing Foundations for Data Science; AI-assisted Frontend Development
- **B.A. in Psychology, double major in Information Science and Culture** March 2018 – February 2024
  - Thesis: The Effect of Writing a Gratitude Diary Through a Chatbot Interface on Positive Affect
  - Coursework: Psychological Statistics; Programming Usable Interfaces; Introduction to Information-Culture Technology; Introduction to Virtual Reality

## Publications

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- Minchae Kim\*, **Jung Lee\***, Minjeong Shin, Kyusik Kim, and Bongwon Suh. **InterAICion: Multi-turn Simulation Framework for Relational Harm in AI Companions.** *Under review at the 2026 Conference on Empirical Methods in Natural Language Processing (EMNLP 2026).*
- Junghwan Kim, Hyeonseok Jeon, **Jung Lee**, Dongseok Heo, and Bongwon Suh. **CaseSense: Mapping the Legal Case Landscape with Multi-Dimensional Visual Exploration.** *Proceedings of the 39th Annual ACM Symposium on User Interface Software and Technology (UIST '26).* [\[link\]](#)
- Junghwan Kim\*, Dongseok Heo\*, Kyusik Kim, **Jung Lee**, and Bongwon Suh. **Co-Overcooked: Cognitive Constraints on Partner Modeling in Human-AI Team Composition.** *Proceedings of the 48th Annual Meeting of the Cognitive Science Society (CogSci '26).* **Oral Presentation (top 9.3%).**
- **Jung Lee**, Jaehoon Choi, Hyungwoo Song, Minjeong Shin, and Bongwon Suh. **“What Can I Control?”: Designing an Attribution Reframing Chatbot for Early-Career Employees’ Workplace Stress Management.** *Extended Abstracts of the 2026 CHI Conference on Human Factors in Computing Systems (CHI EA '26).* [\[link\]](#)
- Minchae Kim, Hyungwoo Song, **Jung Lee**, and Bongwon Suh. **“Just Listening Was Enough—Until It Wasn’t”: Relationship-Stage-Aware Cognitive Scaffolding in AI Companions.** *Extended Abstracts of the 2026 CHI Conference on Human Factors in Computing Systems (CHI EA '26).* [\[link\]](#)
- **Jung Lee**, Jaehoon Choi, Minjeong Shin, Hyungwoo Song, and Bongwon Suh. **Designing an Attribution Retraining-Based LLM Chatbot for Workplace Stress Management Among Early-Career Employees.** *Proceedings of HCI Korea 2026*, pp. 667–673. [\[link\]](#)
- Junghwan Kim\*, Hyeonseok Jeon\*, Dongseok Heo, **Jung Lee**, and Bongwon Suh. **LegisFlow: Enhancing Korean Legal Research with Temporal-Aware LLM Interfaces.** *Proceedings of the 38th Annual ACM Symposium on User Interface Software and Technology (UIST '25).* [\[link\]](#)
- Gyochul Jang, Jaehoon Choi, Minjeong Shin, **Jung Lee**, and Bongwon Suh. **A Framework for Evaluating and Analyzing the Political Orientation of Large Language Models Using Laddering Interview Techniques.** *Proceedings of the 2025 KICS Conference on Artificial Intelligence.* [\[link\]](#)

\* Equal contribution.

## Research Experience

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- **Graduate Researcher, SNU Human-Centered Computing Lab** Seoul, Republic of Korea  
*Advisor: Prof. Bongwon Suh* March 2025 – Present
  - Studied how users' models of an AI partner shift across interaction, spanning team collaboration, companion relationships, and expert tools
- **Lead Researcher, SNU Research Grant for the Social Sciences** Seoul, Republic of Korea  
*Advisor: Prof. Sowon Hahn* October 2023 – December 2023
  - Designed and ran a between-subjects study with 87 participants as sole investigator, examining the effect of writing a gratitude diary through a chatbot interface on positive emotions
  - Built 'diaryBot', a chatbot that helps users write a gratitude diary, using the ChatGPT API
- **Lead Researcher, SNU Undergraduate Research Opportunity Program** Seoul, Republic of Korea  
*Advisor: Prof. Sowon Hahn; Mentor: Dr. Yoon Kyung Lee* May 2021 – January 2022
  - Led a two-person team in a between-subjects study with 94 participants, investigating whether emotion-based or situation-based music recommendation better alleviates negative affect
  - Built 'Music-bot', a music recommendation chatbot based on a preprocessed Kaggle dataset using Python
- **Research Intern, SNU Human Factors Psychology Lab** Seoul, Republic of Korea  
*Advisor: Prof. Sowon Hahn* March 2021 – January 2022
  - Participated in data validation and sentiment classification for emotion diary research
  - Analyzed emotion words from social media through word2vec and topic modeling in Python workshops

## Honors and Awards

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- **Research Grant for the Social Sciences**, Seoul National University 2023
- **Undergraduate Research Opportunity Program**, Seoul National University 2021

## Teaching

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- **Teaching Assistant, AI Transformation (AX) Accelerating Program** Asan, Republic of Korea  
*Asan City Local Creator Support Program* 2026 – Present
  - Ran hands-on practicum sessions helping local founders apply AI tools to their own products and operations

## Work Experience

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- **Research Assistant, Doosan CVC (Korean Industrial Conglomerate)** Seoul, Republic of Korea  
*Startup and market research for early-stage investment review* September 2022 – December 2022
  - Investigated AI, drone, biotech, and green-tech market prospects and sized startups under investment review
- **Strategic Planning Intern, Allprep (Edutech Startup)** Seoul, Republic of Korea  
*Business model and marketing planning for online test-prep services* July 2021 – September 2021
  - Planned a new business model for online TOEIC and TOEFL education services
  - Analyzed industry trends and competitors to develop marketing strategies
- **Content Planning Intern, Fit-account (Mental Healthcare Startup)** Busan, Republic of Korea  
*Translating personality and consumption data into in-app well-being content* July 2021 – August 2021
  - Created solution content for the mobile application 'Fit-account'
  - Organized happiness solutions based on Big Five personality traits and consumption-type data

## Project Experience

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- **Sole Developer, Pie Company (AI Content Service)** Seoul, Republic of Korea  
*End-to-end product work* *November 2025 – August 2026*
  - Planned, built, and marketed an AI fortune-telling service, reaching 500+ monthly active users within two months
- **Product Manager, Mapsee (App Store Application)** Seoul, Republic of Korea  
*Location-based diary app built at Happetite (SNU App Development Club)* *February 2022 – August 2023*
  - Led a five-person team of designers, developers, and planners to launch ‘mapsee’, a location-based diary application, on the App Store
  - Conducted user interviews and usability tests, created wireframes, and built the MVP

## Service and Leadership

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- **Student Volunteer**, ACM Symposium on User Interface Software and Technology (UIST 2025) 2025
- **Member**, SNU Venture Startup Network (SNUSV) 2024 – 2025
- **Consultant**, SNU Social Contribution Consulting Society (T-um) 2020
- **Member**, SNU Student Society for Social Responsibility (SNUSR) 2018 – 2019

## Skills

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- **Programming:** Python, TypeScript, R
- **ML & NLP:** PyTorch, Hugging Face, LangChain, LangGraph
- **Tools:** Claude Code, Codex, Figma, Logic Pro, Final Cut Pro
- **Languages:** Korean (native), English (fluent; TOEFL 5.5/6.0), French (intermediate; DELF B1)