

Kyusik Kim

Postdoctoral Researcher, Seoul National University AI Institute

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Google Scholar | LinkedIn

Research Interests

Human-AI Interaction · Value Alignment & Fairness · Social Simulation · Multimodal AI

Education

Seoul National University Seoul, Korea
Combined M.S./Ph.D. in Intelligence and Information 2020 – 2026

- Graduate School of Convergence Science and Technology; Advisor: Prof. Bongwon Suh
- Dissertation: *Orchestrating Social Competence: The Architecture of AI Companionship in Media Co-Consumption*
- **Outstanding Dissertation Award** (2026)

Sogang University Seoul, Korea
B.S. in Computer Science and Engineering 2016 – 2020

Research Experience

Seoul National University AI Institute Seoul, Korea
Postdoctoral Researcher 2026 – Present

- Lead the LLM fine-tuning track of a multi-team *Korean Local Election Simulation* project (NRF Global Agenda), reducing demographic and regional bias in LLM-based social-survey response generation.
- Contribute to benchmark design for a local-election simulation integrating fine-tuned LLMs, contextual grounding, and voter-behavior modeling.

Supreme Prosecution Service of the Republic of Korea Seoul, Korea
Project Manager — Intelligent Big Data Processing Research 2020 – 2023

- Managed a three-year applied-AI research collaboration on large-scale text and data processing for a national government agency.

Future Science Academy Seoul, Korea
Research Contributor — News Article Analysis with LLMs 2023 – 2024

Seoul National University Hospital Seoul, Korea
Research Collaborator — Clinical AI for Arrhythmia Detection 2020

- Co-developed an ECG-based arrhythmia diagnosis model and contributed to a clinical acceptance study of AI-assisted detection services.

KDX Korea Data Exchange Seoul, Korea
Research Contributor — AI Training Data Construction 2020

SBS Digital News Lab Seoul, Korea
Research Contributor — KakaoTalk General-Election Chatbot 2020

Seoul National University, HCC Lab Seoul, Korea
Research Intern, Dept. of Intelligence & Information Jun. – Aug. 2018

Publications

*Equal contribution. **Kyusik Kim** is highlighted in bold throughout.

2026

18. **Kyusik Kim**, J. Choi, H. Yang, H. Choi, M. Kim, M. Shin, and B. Suh. “What Keeps Fans on the Silent Field?”: Understanding Lean-Back Football Fans via AI Sports Broadcasting in Non-Event Time. *CHI*, 2026. [\[Link\]](#)
17. J. Ryu, S. Kim, J. Eun, **Kyusik Kim**, C. Oh, and B. Suh. Feeling Right vs. Being Right: How AI Sycophancy Affects Value-Laden Deliberation. *ACL*, 2026.
16. **Kyusik Kim***, H. Yoo*, J. Choi, G. Rosen, and B. Suh. Visual Interference in Speech Evaluation: Cultural Asymmetry and Cross-Modal Bias in MLLMs. *Findings of ACL*, 2026.
15. **Kyusik Kim***, J. Choi*, H. Yoo, and B. Suh. Whose Voice, Whose Avatar? Gender Matching Bias in Multimodal AI Teammates. *Findings of ACL*, 2026.
14. **Kyusik Kim***, H. Yoo*, J. Choi, K. Kim, G. Rosen, and B. Suh. CliniCAST: Benchmarking Acoustic Grounding and Text Dominance in Medical Triage. *Findings of ACL*, 2026.
13. H. Song*, **Kyusik Kim***, H. Jeon, M. Shin, and B. Suh. Who Is Shopping With You? How Persona Design Shapes Cognitive and Social Engagement in AI Shopping Agents. *SIGIR*, 2026.
12. J. Ryu, **Kyusik Kim**, S. Kim, J. Eun, C. Oh, and B. Suh. Mine over Yours: How Authorship Biases Evaluation in Generative Information Retrieval. *SIGIR*, 2026.
11. J. Kim*, D. Heo*, **Kyusik Kim**, J. Lee, and B. Suh. Co-Overcooked: Cognitive Constraints on Partner Modeling in Human–AI Team Composition. *CogSci*, 2026.

2025

10. **Kyusik Kim***, H. Song*, J. Ryu, C. Oh, and B. Suh. BleacherBot: AI Agent as a Sports Co-Viewing Partner. *CHI*, 2025. [\[Link\]](#)
9. J. Ryu*, **Kyusik Kim***, D. Heo, H. Song, C. Oh, and B. Suh. Cinema Multiverse Lounge: Enhancing Film Appreciation via Multi-Agent Conversations. *CHI*, 2025. [\[Link\]](#)
8. **Kyusik Kim***, J. Ryu*, H. Jeon, and B. Suh. Blinded by Context: Unveiling the Halo Effect of MLLM in AI Hiring. *Findings of ACL*, 2025. [\[Link\]](#)
7. K. Jang, D. Lee, **Kyusik Kim**, D. Heo, T. Lee, W. Kim, and B. Suh. DICE-BENCH: Evaluating the Tool-Use Capabilities of Large Language Models in Multi-Round, Multi-Party Dialogues. *Findings of ACL*, 2025. [\[Link\]](#)
6. **Kyusik Kim***, J. Ryu*, D. Heo, H. Song, C. Oh, and B. Suh. Conversational Argument Search Under Selective Exposure: Strategies for Balanced Perspective Access. *SIGIR*, 2025. [\[Link\]](#)

2024

5. H. Song, **Kyusik Kim**, K. Kim, J. Ryu, and B. Suh. Exploring the Impact of User-Participated Customization in Experiencing Chatbot Failure. *CHI EA*, 2024. [\[Link\]](#)
4. **Kyusik Kim***, H. Song*, and B. Suh. Self-Referential Review: Exploring the Impact of Self-Reference Effect in Review. *SIGIR*, 2024. [\[Link\]](#)

3. **Kyusik Kim**, H. Jeon, J. Ryu, and B. Suh. Will LLMs Sink or Swim? Exploring Decision-Making Under Pressure. *Findings of EMNLP*, 2024. [\[Link\]](#)
2. **Kyusik Kim** and B. Suh. SymphoNEI: Symphony of Node and Edge Inductive Representations on Large Heterophilic Graphs. *DASFAA*, 2024. [\[Link\]](#)
1. **Kyusik Kim** and B. Suh. HopLearn: Leveraging Multi-Hop Neighbors and Learnable Parameters for GNNs with Missing Node Features. *DASFAA*, 2024. [\[Link\]](#)

Awards & Honors

2026	Outstanding Dissertation Award , Graduate School of Convergence Science and Technology, Seoul National University
2025	Yulchon AI Young Researcher Scholarship (1 of 10 recipients nationally; KRW 8,000,000)
2024	Google Travel & Conference Grant (USD 1,000)
2024	Brain Korea 21+ Excellence Award , 8th Excellent Graduate Students' Selection
2020–2025	Brain Korea 21+ Scholarship , Government graduate fellowship program
2016–2017	Sogang Scholarship for Academic Achievement

Teaching

Primary Teaching Assistant 2020 – 2022
 Seoul National University Innovation Expert Program in Data Science (Samsung DS² Program)
 Instructor for practical sessions on distributed data processing with PySpark.

Technical Skills

- **Languages:** Python (advanced), C
- **ML Frameworks:** PyTorch, TensorFlow, Hugging Face Transformers, PyTorch Geometric
- **Methods:** LLM fine-tuning, prompt engineering, multi-agent system design, multimodal bias auditing, benchmark construction, large-scale user studies, mixed-methods HCI research

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