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EDUCATION

School of Computing, Yonsei University

Seoul, Korea

B.S. in Computer Science

2020 - 2026

- GPA: 3.66/4.30

School of Computing, Yonsei University

Seoul, Korea

M.S./Ph.D. in Artificial Intelligence

2026 - Present

- Research interests: AI Agents, Real-World Applications

PUBLICATIONS (* denotes equal contribution)

1. Kai Tzu-iunn Ong*, **Minseok Kang***, Dongwook Choi*, Junhee Cho, Seungju Kim, Seungwon Lim, Geunha Jang, Minwoo Oh, Bogyung Jeong, Sunghwan Kim, Taeyoon Kwon, Jinyoung Yeo.
Towards Direct Evaluation of Harness Optimizers via Priority Ranking. *Arxiv Preprint*, 2026. 05.
2. Gyeom Hwangbo*, Hyungjoo Chae*, **Minseok Kang**, Hyeonjong Ju, Soohyun Oh, Jinyoung Yeo.
LEGO-Eval: Towards Fine-grained Evaluation on Synthesizing 3D Embodied Environments with Tool Augmentation *Arxiv Preprint*, 2025.
3. Namyoung Kim, Kai Tzu-iunn Ong, Yeonjun Hwang, **Minseok Kang**, Iiseo Jihn, Gayoung Kim, Minju Kim, Jinyoung Yeo.
PRINCIPLES: Addressing Coverage, Bias, and Training Challenges in Proactive Dialogue. *Empirical Methods in Natural Language Processing (EMNLP) Findings*, 2025.
4. Hyungjoo Chae*, Sunghwan Kim*, Junhee Cho*, Seungone Kim, Seungjun Moon, Gyeom Hwangbo, Dongha Lim, Minjin Kim, Yeonjun Hwang, Minju Gwak, Dongwook Choi, **Minseok Kang**, Gwanhoon Im, ByeongUng Cho, Hyojun Kim, Jun Hee Han, Taeyoon Kwon, Minju Kim, Beong-woo Kwak, Dongjin Kang, Jinyoung Yeo.
WEB-SHEPHERD: Advancing PRMs for Reinforcing Web Agents. *Neural Information Processing Systems (NeurIPS) Spotlight*, 2025.
5. Minju Kim, Dongje Yoo, Yeonjun Hwang, **Minseok Kang**, Namyoung Kim, Minju Gwak, Beong-woo Kwak, Hyungjoo Chae, Harim Kim, Yunjoong Lee, Min Hee Kim, Dayi jung, Kyong-Mee Chung, Jinyoung Yeo.
Can You Share Your Story? Modeling Clients' Metacognition and Openness for LLM Therapist Evaluation. *Association for Computational Linguistics (ACL) Findings*, 2025.
6. **Minseok Kang**, Suhyeon Choi, Woohyun Kim, Jaehyeon Kim, Seokheon Cho.
Development of an Artificial Intelligence-Based Prediction System for Short-Term Solar Power Generation. *IEEE International Conference on Consumer Electronics (ICCE)*, 2025.
7. Suyeon Lee*, Sunghwan Kim*, Minju Kim*, Dongjin Kang, Dongil Yang, Harim Kim, **Minseok Kang**, Dayi Jung, Min Hee Kim, Seungbeen Lee, Kyoung-Mee Chung, Youngjae Yu, Dongha Lee, Jinyoung Yeo.
Cactus: Towards psychological counseling conversations using cognitive behavioral theory. *Empirical Methods in Natural Language Processing (EMNLP) Findings*, 2024.

RESEARCH EXPERIENCES	Lang&AGI Lab, Yonsei Univ. Seoul, Korea	2024.04 - Present
	• Conducted research on dialogue agents, focusing on their proactivity and interaction capabilities as a research intern. • Performed a series of experiments to derive insights into model behavior and performance.	
	Qualcomm Institute. San Diego, USA	2024.01 - 2024.02
	• Study core concepts in machine learning and data science as a visiting student. • Conduct research applying various machine learning algorithms to real-world scenarios for demand prediction.	
AWARDS AND SCHOLARSHIPS	• Encouragement Award , Yonsei University, AGI Agent Hackathon	2025.04
	• Excellence Award , Yonsei University, AI Convergence Idea Contest	2024.01
	• National Science & Technology Scholarship , Yonsei University	Full scholarship
ACADEMIC SERVICES	Reviewers for: <i>EMNLP 2025</i>	
	Teaching Assistant	
	– Introduction to Natural Language Processing , SK Academy	2025.07
SKILLS	Languages: Korean (Native), English (Fluent). Programming: Python, C, C++, JAVA. Frameworks: LangChain, Pytorch.	