

# DOSUNG LEE

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Google Scholar



LinkedIn



GitHub

## EDUCATION

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### Korea University

B.S. in Artificial Intelligence & Biology

Aug 2024

### Korea University

Ph.D. Student in Computer Science, Artificial Intelligence

Advisor: Prof. Paul Hongsuck Seo

Current research: RAG, Multimodal Learning, LLM Agents, Personalization



Sep 2024 – Present

## PUBLICATIONS

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*The 2025 Conference on Empirical Methods in Natural Language Processing*

EMNLP 2025 (findings)

- **ReTAG: Retrieval-Enhanced, Topic-Augmented Graph-Based Global Sensemaking**
- Boyoung Kim, **Dosung Lee**, Sumin An, Jinseong Jeong, Paul Hongsuck Seo
-  Project Page
-  arXiv PDF

*The 63rd Annual Meeting of the Association for Computational Linguistics*



ACL 2025

- **ReSCORE: Label-free Iterative Retriever Training for Multi-hop Question Answering with Relevance-Consistency Supervision**
- \***Dosung Lee**, \*Wonjun Oh, Boyoung Kim, Minyoung Kim, Joonsuk Park, Paul Hongsuck Seo (\* equal contribution)
-  Project Page
-  arXiv PDF

## PREPRINTS

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Arxiv

- **Breaking the Visual Shortcuts in Multimodal Knowledge-Based Visual Question Answering**
- **Dosung Lee**, Sangwon Jung, Boyoung Kim, Minyoung Kim, Sungyeon Kim, Junyoung Sung, Paul Hongsuck Seo
-  Project Page
-  arXiv PDF

Arxiv

- **GOAT: A TRAINING FRAMEWORK FOR GOAL-ORIENTED AGENT WITH TOOLS**
- Hyunji Min, Sangwon Jung, Junyoung Sung, **Dosung Lee**, Leekyeung Han, Paul Hongsuck Seo
-  Project Page
-  arXiv PDF

## WORK EXPERIENCE

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*Visiting Researcher*, University of Wisconsin, Madison, WI, Advisor: Prof. Kangwook Lee. Dec. 15, 2025 – May 31, 2026

## HONORS & AWARDS

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Merit-based Scholarship — KRW 1,695,000, Fall 2022

Merit-based Scholarship — KRW 1,119,000, Fall 2018

Kim Chang-hwan Foundation Scholarship — KRW 2,500,000, Spring 2018