

Seoyeon Kim

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Seoul, Republic of Korea

RESEARCH INTEREST

As a researcher in natural language processing (NLP) field, I aim to build a develop a human-like and faithful artificial intelligence. My research interest includes but not limited to: (i) evaluating knowledge of LLMs in various domains and tasks, and (ii) injecting, augmenting, and updating knowledge to LLMs. Previous work includes constructing dialogue memories via refining personas with LLMs, enhancing NER performance by leveraging LLMs for verification, and investigating effects of code-switching on multilingual LLMs.

EDUCATION

Yonsei University

M.S. in Artificial Intelligence

Sep 2023 - Aug 2025 (expected)

Yonsei University

B.A. in English Language and Literature

B.S. in Industrial Engineering

Mar 2019 - Aug 2023

PUBLICATIONS

INTERNATIONAL CONFERENCES / JOURNALS

VerifiNER: Verification-augmented NER via Knowledge-grounded Reasoning with Large Language Models.

Seoyeon Kim*, Kwangwook Seo*, Hyungjoo Chae, Jinyoung Yeo, Dongha Lee

ACL 2024

Commonsense-augmented Memory Construction and Management in Long-term Conversations via Context-aware Persona Refinement.

Hana Kim, Kai Ong, Seoyeon Kim, Dongha Lee, Jinyoung Yeo

EACL 2024

UNDER REVIEW / PREPRINTS

Can Code-Switched Texts Activate a Knowledge Switch in LLMs? A Case Study on English-Korean Code-Switching.

Seoyeon Kim, Huiseo Kim, Chanjun Park, Jinyoung Yeo, Dongha Lee

Under review.

EXPERIENCE

Hanwha General Insurance

AI Engineer Intern

Developed an LLM-based insurance document RAG model using LangChain.

Tutoring

AI Researcher

Developed an AI tutor chatbot that engages in English free-talking and role-playing conversations with students.

Developed Education NER model to extract predefined English entities from tutoring sessions.

MINDS AND COMPANY

Data Scientist Intern

Developed a KoBERT model for merchandise classification.

SKILLS

- **Programming Languages:** Python (Advanced), SQL (Intermediate)
- **Frameworks & Libraries:** PyTorch, Huggingface, Langchain, OpenAI
- **Languages:** Korean (Native), English (Fluent)