

# 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

### Tutoring 🌐

AI Researcher

Mar 2023 - Feb 2024

\* Developed English AI tutor chatbot that is capable of free-talking and role-playing with students

\* Developed Education NER model that extracts predefined English entities from previous conversations

### MINDS AND COMPANY 🌐

Data Science Intern

Jun 2022 - Aug 2022

\* Developed a KoBERT model for merchandise classification