

Kyeonghyun Kim

Researcher at IIPL | Last Update: Jan. 04, 2026

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Research Interest

Large Language Models, Retrieval Augmented Generation, Natural Language Processing

Education

Chung-Ang University

Seoul, Korea

M.S. in Artificial Intelligence

Mar. 2024 – Feb. 2026

GPA: 4.31 / 4.5 [[Transcript](#)]

Advisor: [YoungBin Kim](#)

Myongji University

Yongin, Korea

B.S. in Engineering

Mar. 2018 – Feb. 2024

GPA: 3.81 / 4.5 [[Certificate](#)][[Transcript](#)]

Research and Work Experience

Research Assistant

Intelligent Information Processing Lab @ Chung-Ang Univ.

Advisor: [YoungBin Kim](#)

Mar. 2024 - Present

Undergraduate Intern

Intelligent Information Processing Lab @ Chung-Ang Univ.

Advisor: [YoungBin Kim](#)

Jul. 2023 – Feb. 2024

Undergraduate Intern

iSEL Lab @ Myongji Univ.

Advisor: Dongil Shin

Aug. 2022 – Jun. 2023

International Publications

Towards Trustworthy Visual Reasoning via Grounded Chain-of-Thought

Under review at LREC 2026.

A Benchmark of Subtle Perturbations for Grammatical Correction in Korean Sentences and Paragraph

Under review at LREC 2026.

Plug-in and Fine-tuning: Bridging the Gap between Small Language Models and Large Language Models [[Paper](#)]

[Kyeonghyun Kim](#)*, Jinhee Jang*, Juhwan Choi*, Yoonji Lee, Kyohoon Jin and YoungBin Kim

ACL 2025

* denotes equal contribution

Making Sense of Korean Sentences: A Comprehensive Evaluation of LLMs through KoSEnd Dataset [[Paper](#)]

Seunguk Yu, [Kyeonghyun Kim](#), JungMin Yun and YoungBin Kim

ACL 2025 Student Research Workshop

Domestic Publications

다중 LLM 응답과 이중 정제를 통한환각 탐지 데이터 생성 프레임워크[[Paper](#)]

Hayeong Ryu, [Kyeonghyun Kim](#), Yeonghwa Kim, JuneHyoung Kwon, and YoungBin Kim

2025 Summer Annual Conference of IEIE

자율주행 환경에서 카메라 기반 3D 객체 탐지를 위한 Depth 추정 방식 비교 분석[Paper]

Kahyeon Kim, Seunghoon Lee, Kyeonghyun Kim, Youngbin Kim

2025 Summer Annual Conference of IEIE

Con-RAG: 기여도 기반 검색 필요성 분석을 통한 효율적인 검색 증강 생성 [Paper]

Kyeonghyun Kim, Yeonghwa Kim, Kyohoon Jin, and YoungBin Kim

2024 Summer Annual Conference of IEIE

Research Projects

AI Metaverse-based Digital Healthcare and Mindcare Platform Development

Apr. 2025 – Present

Sponsor: Korea Radio Promotion Association

Role: Fine-tuning domain-specific Large Language Models (LLMs)

RAG-based Conversational Question-Answering System

Jun. 2024 – Dec. 2024

Sponsor: Industry Research Project

Role: Development of domain-specific retrieval system

Teaching Assistant for AI Mathematics Lab at Chung-Ang University

Jul. 2024 – Sep. 2024

Role: AI Mathematics Lab Teaching Assistant

Academic Projects

Process Design Automation using Artificial Intelligence

Mar. 2023 – Jun. 2023

Course: 캡스톤 디자인

Reinforcement learning-based process design automation for Benzene-Toluene-Xylene separation

Concrete Strength Prediction using XGBoost

Mar. 2023 – Jun. 2023

Course: 화공 인공지능 활용

Regression model development for concrete strength prediction based on material properties

Hybrid Optimization using Genetic Algorithm and Gradient Descent

Sep. 2022 – Dec. 2022

Course: 화공 전산

Combined global and local optimization approach for chemical process optimization

Skills

Language Proficiency

Korean (Native)

English (Basic)

Programming Languages

Python (Familiar)

Libraries & Tools

PyTorch | HuggingFace Transformers | Pandas