

# Kyeonghyun Kim

Researcher at IIPL | Last Update: Sep. 21, 2025

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## Research Interest

Large Language Models, Retrieval Augmented Generation, Natural Language Processing

## Education

### Chung-Ang University

M.S. in Artificial Intelligence

GPA: 4.33 / 4.5 [[Transcript](#)]

Advisor: [YoungBin Kim](#)

Seoul, Korea

Mar. 2024 - Present

### Myongji University

B.S. in Engineering

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

Yongin, Korea

Mar. 2018 - Feb. 2024

## Research and Work Experience

### Research Assistant

Advisor: [YoungBin Kim](#)

Intelligent Information Processing Lab @ Chung-Ang Univ.

Mar. 2024 - Present

### Undergraduate Intern

Advisor: [YoungBin Kim](#)

Intelligent Information Processing Lab @ Chung-Ang Univ.

Jul. 2023 - Feb. 2024

### Undergraduate Intern

Advisor: Dongil Shin

iSEL Lab @ Myongji Univ.

Aug. 2022 - Jun. 2023

## International Publications

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, Kyoho 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 통한 환각 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](#)]

## Research Projects

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### 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

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### 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

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### Language Proficiency

Korean (Native)

English (Basic)

### Programming Languages

#### Libraries & Tools

Python (Familiar)

PyTorch | HuggingFace Transformers | Pandas