

JEONGHUN CHO

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RESEARCH INTERESTS

Natural Language Processing (NLP), Retrieval-Augmented Generation, Reasoning

EDUCATION

Pohang University of Science and Technology

Sep 2023 - Aug 2025

M.S. in Artificial Intelligence

Natural Language Processing Group (Advisor: Gary Geunbae Lee)

Hanyang University ERICA

Mar 2018 - Aug 2023

B.S. in Electrical Engineering

summa cum laude

Completed compulsory military service

PUBLICATIONS

Retrieval-Augmented Fine-Tuning With Preference Optimization For Visual Program Generation

Deokhyung Kang*, Jeonghun Cho*, Yejin Jeon, Sunbin Jang, Minsub Lee, Jawoon Cho, and Gary Geunbae Lee

Preprint. [paper]

K-COMP: Retrieval-Augmented Medical Domain Question Answering With Knowledge-Injected Compressor

Jeonghun Cho and Gary Geunbae Lee

Proceedings of NAACL 2025. [paper]

Medical Domain Retrieval-Augmented Question Answering through Entity-based Context Extraction

Jeonghun Cho and Gary Geunbae Lee

Proceedings of KCC 2024. **(Best paper)** [paper]

PATENTS

Method and Apparatus for Entity-Based Retrieval-Augmented Question Answering

Jeonghun Cho and Gary Geunbae Lee.

Patent No. 10-2024-0133650. Publication Date: 2024-10-02.

PROJECTS

LLM-based PLC Programming Assistant

Jul 2024 - Feb 2025

Funded by Hyundai Mobis

AWARDS AND SCHOLARSHIPS

Best Paper
Korea Computer Congress 2024

Jun 2024

Academic Scholarship
Hanyang University

Fall 2022, Spring 2023

TEACHING EXPERIENCE

Youth AI & Big Data Academy
POSTECH

Fall 2024

CSED232 Principles of Software Construction
POSTECH

Spring 2025