

Jeonghun Cho

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EDUCATION

Pohang University of Science and Technology
M.S. in Artificial Intelligence

Pohang, South Korea
Sep 2023 - Present

Hanyang University ERICA
B.S. in Electrical Engineering (summa cum laude)
*Completed mandatory military service

Ansan, South Korea
Mar 2018 - Aug 2023

EXPERIENCE

Natural Language Processing Group
Graduate Researcher (Advisor: Prof. Gary Geunbae Lee)

Pohang, South Korea
Sep 2023 - Present

Efficient Learning Lab
Undergraduate Researcher (Advisor: Prof. Jaeho Lee)
Pruning models under challenging scenarios

Pohang, South Korea
Jan 2023 - Feb 2023

Laboratory of Intelligent Things
Undergraduate Researcher (Advisor: Prof. Joohyun Lee)
Natural language data processing for medical applications

Ansan, South Korea
Sep 2022 - Dec 2022

RESEARCH INTERESTS

Natural Language Processing (NLP), Retrieval-Augmented Generation, Reasoning, Code Generation, Machine Learning, Deep Learning

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. [\[paper\]](#)[\[code\]](#)

Medical Domain Retrieval-Augmented Question Answering through Entity-based Context Extraction
Jeonghun Cho and Gary Geunbae Lee. Proceedings of KCC 2024. [\[paper\]](#)[\[code\]](#)
*Best paper (Top 1.7%)

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
Funded by Hyundai Mobis

Jul 2024 - Feb 2025

AWARDS

Best Paper Award
Korea Computer Congress 2024

Jun 2024

Academic Scholarship
Hanyang University

Fall 2022, Spring 2023

TEACHING EXPERIENCE

CSED232 Principles of Software Construction
Teaching Assistant (Instructor: Prof. Kyungmin Bae)

Spring 2025

Youth AI & Big Data Academy
Lecture

Fall 2024