

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 compulsory military service

Ansan, South Korea
Mar 2018 - Aug 2023

EXPERIENCE

Natural Language Processing Group at POSTECH
Graduate researcher (Advisor: Prof. Gary Geunbae Lee)

Pohang, South Korea
Sep 2023 - Present

Efficient Learning Lab at POSTECH
Undergraduate Research Intern (Advisor: Prof. Jaeho Lee)
Pruning models under challenging scenarios

Pohang, South Korea
Jan 2023 - Feb 2023

Laboratory of Intelligent Things at HYU
Undergraduate Research Intern (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%)

PATENS

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

Best Paper Award

Jun 2024

Korea Computer Congress 2024

Academic Scholarship

Fall 2022, Spring 2023

Hanyang University

TEACHING EXPERIENCE

CSED232 Principles of Software Construction

Spring 2025

Teaching Assistant (Instructor: Prof. Kyungmin Bae)

Youth AI & Big Data Academy

Fall 2024

Lecture