

Jeonghun Cho

Website: jeonghun3572.github.io
Email: jeonghuncho at postech.ac.kr
jeonghun3572 at gmail.com

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.

Proceedings of ACL 2025. [[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

PROJECTS

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|---|---------------------|
| LLM-based PLC Programming Assistant Funded by Hyundai Mobis | Jul 2024 - Feb 2025 |
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AWARDS

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|---|------------------------|
| Best Paper Award Korea Computer Congress 2024 | Jun 2024 |
| Academic Scholarship Hanyang University | Fall 2022, Spring 2023 |

TEACHING EXPERIENCE

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|---|-------------|
| CSED232 Principles of Software Construction Teaching Assistant (Instructor: Prof. Kyungmin Bae) | Spring 2025 |
| Youth AI & Big Data Academy Lecture | Fall 2024 |