JEONGHUN CHO

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RESEARCH INTERESTS

Natural Language Processing (NLP), Retreival-Augmented Generation (RAG), Reasoning

EDUCATION

Pohang University of Science and Technology   *Sep 2023 - Present*
M.S. in Artificial Intelligence
Advisor: Gary Geunbae Lee

Hanyang University ERICA   *Mar 2018 - Aug 2023*
B.S. in Electrical Engineering   *summa cum laude*

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]

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 AND SCHOLARSHIPS

Best Paper   *Jun 2024*
Korea Computer Congress 2024

Hanyang Brain Scholarship   *Sep 2022, Mar 2023*
Hanyang University