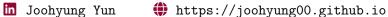
Joohyung Yun





Education

2023 - Pohang University of Science and Technology (POSTECH)

Integrated M.S./Ph.D. in Computer Science

Member of Data Systems Lab

Advised by Professor Wook-Shin Han

B.S. in Computer Science

Summa Cum Laude, GPA 4.11 / 4.30

2016 – 2019 | Hyundai Chungun High School

Publications

International Conference Proceedings

2025 LILaC: Late Interacting in Layered Component Graph for Open-domain Multimodal Multihop Retrieval

Yun, J., Lee, D., and Han, W.

In Proc., the 2025 Conference on Empirical Methods in Natural Language Processing, EMNLP, Suzhou, China, November 2025

HELIOS: Harmonizing Early Fusion, Late Fusion, and LLM Reasoning for Multi-Granular Table-Text Retrieval

Park, S., Yun, J., Lee, J., and Han, W.

In Proc., 63rd Annual Meeting of the Association for Computational Linguistics, ACL, Vienna, Austria, July 2025

2024 KDD cup meta CRAG 2024 technical report: Three-step question-answering framework

Park, S., Seok, J., Lee, J., Yun, J., and Lee, W. 2024 KDD Cup Workshop for Retrieval Augmented Generation

International Journals

2024 ReCG: Bottom-Up JSON Schema Discovery Using a Repetitive Cluster-and-Generalize Framework

Yun, J., Tak, B., and Han, W.

In 50th Int'l Conf. on Very Large Data Bases (VLDB) / Proc. the VLDB Endowment (PVLDB), Aug. 2024

Work Experiences

2021 Full Stack Developer

SK Hynix Inc. (Icheon, South Korea) Jun 2021 – Jul 2021

- Web interface manipulation via Selenium, Python
- Server development using Springboot, Java
- Frontend development using NodeJS, JavaScript

Honors and Awards

2024 KDD Cup 2024: Team dRAGonRAnGers

- First place in comparison tests
- First place in post-processing test
- [LINK]

2021 National Science and Technology Scholarship

 Scholarship awarded to students with outstanding academic ability in the field of science and engineering

Global Leadership Program Scholarship

 Scholarship awarded to those who are outstanding among students who major computer science engineering in POSTECH

 Scholarship awarded to those who are outstanding among students who major computer science engineering in POSTECH

Teaching Experiences

2024 **Teaching Assistant**, Design of Digital System POSTECH

Worked as an assistant in CSED273, Design of Digital System.

Teaching Assistant, Advanced Machine Learning

Samsung Electronics Co.,

- Worked as an assistant in class of Advanced Machine Learning held under Data Systems Lab. Guided Samsung Electronics employees to understand the implementation of above concepts.
- 2021 **Teaching Assistant**, Data Processing, Distributed Database & Deep Learning Samsung Electronics Co.,
 - Worked as an assistant in class of Data Processing, Distributed Database & Deep Learning held under Data Systems Lab. Guided Samsung Electronics employees to understand the implementation of above concepts.

Skills

English (fluent)

Japanese (fluent)

Coding

Python

C++

■ LATEX