

Joohyung Yun

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in Joohyung Yun 🌐 <https://joohyung00.github.io>



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
- 2019 – 2023 ■ **Pohang University of Science and Technology (POSTECH)**
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 Multi-modal 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
- 2020  **Global Leadership Program Scholarship**
- 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.
- 2022  **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

Languages  Korean (native)
  English (fluent)
  Japanese (fluent)

Coding  Python
  C++
  \LaTeX