

# 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

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- 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

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- 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

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- 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

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

Coding        Python  
                  C++  
                   $\LaTeX$