Gyeonggeun Jung

gyeonggeun@kaist.ac.kr ○ LinkedIn ○ Homepage

EDUCATION

KAIST (Korea Advanced Institute of Science and Technology) Daejeon, South Korea
- M.S. Student in School of Electrical Engineering *March, 2025 - Present*
  - Computer Systems & Network Lab (CSNL)
  - Advisor : Prof. John Kim

Korea University Seoul, South Korea
- Bachelor's Degree in Electrical Engineering *February, 2025*

University of Pittsburgh Pittsburgh, PA, USA
- Exchange Student Program (ESP) *January, 2024 - April, 2024*

PUBLICATION

- Hyucksung Kwon*, Kyungmo Koo*, Janghyeon Kim, Woongkyu Lee, Minjae Lee, **Gyeonggeun Jung**, Hyungdeok Lee, Yousub Jung, Jaehan Park, Yosub Song, Byeongsu Yang, Haerang Choi, Guhyun Kim, Jongsoon Won, Woojae Shin, Changhyun Kim, Shin Gyeongcheol, Yongkee Kwon, Ilkon Kim, Euicheol Lim, John Kim, Jungwook Choi, "*PIMphony: Overcoming Bandwidth and Capacity Inefficiency in PIM-based Long-Context LLM Inference System*", to appear in HPCA 2026

- **Gyeonggeun Jung**, Hans Kasan, John Kim, "*Hybrid Simulator Infrastructure to Explore Scalable, Large-Scale Distributed Training Architectures*", ICTC 2025

EXPERIENCE

Undergraduate Intern
- Computer Systems Laboratory (CSL) at Korea University *July, 2024 - December, 2024*
  - Advisor : Prof. Jeongseob Ahn
  - Studied about computer architecture and how the number of NPUs and parallelism affect LLM inference.

Visiting Student
- PITT Circuit Lab at University of Pittsburgh *February, 2024 - April, 2024*
  - Advisor : Prof. Inhee Lee
  - Studied about hardware accelerators.

AWARDS & HONORS

KU Health:on MAKEATHON Top Prize (1st)
- Korea University, KU Makerspace *January, 2024*

Qiskit Fall Fest 2023 at Korea University Encouragement Prize (3rd)
- Korea University, School of Quantum & IBM Quantum *November, 2023*

PROGRAMMING SKILLS

C / C++ ■■■■□

Verilog / VHDL ■■□□□

Python ■■□□□
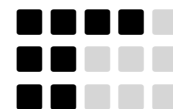
LANGUAGE SKILLS

Korean ■■■■■

English ■■■□□