

Dongha Kim

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Research Interests

- Domain-Specific / General-Purpose Computer Architecture
- Processing-in-Memory
- Modern DRAM Architectures
- Hardware-Software Co-Design in AI Acceleration
- Systems for On-Device AI

Education

- 03/2025 - present **M.S. in School of Computing**
Korea Advanced Institute of Science and Technology (KAIST)
- 03/2020 - 02/2025 **B.S. in School of Electrical Engineering, School of Computing**
Korea Advanced Institute of Science and Technology (KAIST)
GPA: 4.06 / 4.30

Experience

- 11/2024 - present **Computer Architecture and Systems Lab (CASYS)**
Korea Advanced Institute of Science and Technology (KAIST)
Advisor: Jongse Park

Teaching

Teaching Assistant

- 2025 Spring **CS230 System Programming**
Korea Advanced Institute of Science and Technology (KAIST)

Awards and Scholarships

Awards

- 02/2025 **Summa Cumme Laude**
Korea Advanced Institute of Science and Technology (KAIST)
- Fall 2022 **Dean's List**
College of Engineering, KAIST
- Fall 2020 **Dean's List**
School of Freshman, KAIST

Scholarships

- 2022 - 2024 **National Excellence Scholarship (Natural Sciences and Engineering)**
The Government of the Republic of Korea
- 2020 - 2025 **Full Scholarship for all semesters at KAIST**
Korea Advanced Institute of Science and Technology (KAIST)

Skills

- **Programming:** C/C++, Python, Verilog, SystemVerilog, SQL
- **Tools / Framework:**
 - Vivado, ModelSim
 - Spark, MapReduce
 - CUDA