

Seoyoon Kim

South Korea

Research Interests

Robot Manipulation & Learning

Education

2025.08 ~ Present	Korea Advanced Institute of Science and Technology (KAIST) M.S. Candidate, Electrical Engineering Advisor: Prof. Min Jun Kim (Intelligent Robotic Systems Lab)
2021.03 ~ 2025.07	Korea Advanced Institute of Science and Technology (KAIST) B.S., Electrical Engineering (GPA: 4.02 / 4.30) Minor: Mechanical Engineering (@ New York University)

Honors and Awards

2025.08	KAIST <i>Summa Cum Laude</i>
2023.08	KAIST Dean's List (2023 Spring)
2023.08 ~ 2025.08	KAIST Honor Student

Experience

2025.01 ~ 2025.02	IM^2 Lab, GSAI@KAIST (Internship) - Developing soldering humanoid robot using reinforcement learning & IssacLab simulation
2024.09 ~ 2024.12	CastLab, KAIST (Individual Research) - Designing hardware for accelerating diffusion transformers using dynamic attention mask and MX quantization
2024.06 ~ 2024.08	HyperAccel Company, Korea (Research Intern) - Developing LPU hardware monitoring system - Packaging and deploying LPU software
2023.06 ~ 2023.08	USRG, KAIST (Individual Research) - Developing AI-based autonomous drone which avoids obstacles and performs intelligent tasks by recognizing human poses

Skills

Programming: C/C++, Python, Pytorch, CUDA, System Verilog, ROS, MATLAB

Simulator: IsaacLab, MuJoCo, ModelSim, Vivado

Contacts

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