Minjun Jee

Undergraduate, Department of AI Computing, KAIST

ddddewang0425@kaist.ac.kr | +82 10-8256-8240
github.com/minjunjee
linkedin.com/in/min-jun-jee-30b6733a2

RESEARCH INTERESTS

System 2 Thinking | Small Language Models | AI Agents | Agent Memory | World Models

EDUCATION

KAIST | B.S. in AI Computing | Daejeon, South Korea — 2025 – Present

Chungbuk Science High School | Early graduation | Cheongju, South Korea — 2023 – 2025

RESEARCH EXPERIENCE

Research Intern, Machine Learning and Mind Lab (MLML), KAIST — Fall 2026 – Present
Advisor: Prof. Sungjin Ahn. Working on AI autoresearch and world models.

RESEARCH PROJECTS

Predicting Irreducible Memory-Edit Error with Transactional Control Geometry
Minjun Jee — *In preparation*

- Built a diagnostic that screens, before training, for memory edits a recurrent-memory controller cannot express.
- Tested it in a matched study on a 1.3B pretrained Gated DeltaNet-2 model and found that expressibility alone does not predict what training will use.

Extreme Chain-of-Spots from VisualRWKV for Multimodal Reasoning
Minjun Jee, Seongjun Ahn — *KSEF 2025*

- Proposed long-horizon visual thinking that imitates human saccadic eye movements and foveation.
- Found that performance improves as the thinking trajectory gets longer.
- Led the project end to end: idea, implementation, training, and analysis of results.

ResNet-LSTM based Position and Attitude Estimation Method for Optical Navigation System of CanSat
Cheolsoon Han, **Minjun Jee**, Kangmin Ra

- Proposed stereo-vision-based position and attitude estimation for a CanSat, motivated by how humans use their eyes to track their own position and posture.
- Did the implementation, training, analysis of results, and follow-up experiments.
- Co-developed the onboard physical computing and the radio link to the ground station.

Domain Generalization for Deep Learning-based Korean Product Image Classification Problem in the Few-shot Learning Setting
Wongyu Koh, **Minjun Jee**

- Implemented the code, ran the experiments, and analyzed the results.

TEACHING AND LEADERSHIP

Course Developer and Teaching Assistant, CS103, KAIST — Nov 2025 – Jul 2026
Developed the assignment on ReAct agents with RAG and routing, built with LangGraph.

Vice President, Department Student Council, Department of AI Computing, KAIST — Mar 2026 – Present

Google Gemini Student Ambassador, 1st cohort — Aug 2026 – Nov 2026

HONORS AND AWARDS

Talent Award of Korea, Minister's Award — 2024
Presidential Award, Korea National Science Exhibition — 2023
Gold Prize, Korea Science and Engineering Fair (KSEF) — 2024
KAIST President's Award, CanSat Competition, Wisdom Category — 2024
Bronze Prize, Korea Olympiad in Informatics (KOI) Finals — 2022
Minister's Award, SW Mirae Chaeum, SW·AI Autonomous Driving Sector — 2023
2nd Place, 9th Korea SW Convergence Hackathon — 2022
Grand Prize and Gold Prize, Chungbuk Olympiad in Informatics (COI) — 2023, 2022