

Junhyeok Lee

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Research Interests

Efficient ML/DL Efficient Inference, VLMs, Streaming Video Understanding

Education

M.S. in Artificial Intelligence

Pohang University of Science and Technology (POSTECH)

Advisor: Jaeho Lee

Republic of Korea

Sep. 2026. - Aug. 2028

B.S. in Software

Soongsil University

GPA: 4.39/4.5 | Rank: 2/128

Republic of Korea

Mar. 2021. - Aug. 2026

Publications

[1] Hyeonjun Kim, Jegwang Ryu, Sangbeom Ha, **Junhyeok Lee**, Jun-Hyuk Kim, Hyemin Ahn, Jaeho Lee. “**Learned Image Compression for Vision-Language-Action Models**” *arXiv preprint*, 2026. [\[Link\]](#)

Experience

Efficient Learning Lab (EffL) [↗](#)

Undergraduate Research Intern

POSTECH

Mar. 2026 - Present

- Participated in research on efficient VLMs and Streaming Video Understanding

Advanced Intelligent Computing Architecture Lab (AICA) [↗](#)

Undergraduate Research Intern

Soongsil University

Dec. 2024 - Feb. 2026

- Participated in a reading group focused on efficient LLM serving and efficient VLM/VLAs
- Participated in research on efficient VLM/VLAs

TinyML and Efficient Deep Learning Computing (Fall 2024) [↗](#)

MIT Han Lab Online Course

Online

Dec. 2024 - Feb. 2025

- MIT Han Lab online course covering pruning, quantization, knowledge distillation, and efficiency of LLMs & vision models
- Synthesized key concepts from the course into a 100-page document typeset in LaTeX [↗](#)

Awards and Scholarships

Scholarship for Academic Excellence

Awarded to the top students based on the highest GPA in the department

Soongsil University

2021, 2024, 2025 (All Semesters)

Skills

Programming Python, C/C++, Java, PyTorch

Language Korean (Native), English (Intermediate)