

JEGWANG RYU

Pohang, South Korea

✉ jegwang.ryu@postech.ac.kr [🏠 LinkedIn](#)

RESEARCH INTERESTS

Efficient Inference & Training : Model Compression, Quantization, Knowledge Distillation
Data Compression : Neural Codecs, Learned Compression

EDUCATION

Pohang University of Science and Technology (POSTECH)

M.S. in Electrical Engineering

- Efficient Learning Lab (EffL)
- Advisor: Prof. Jaeho Lee
- GPA: 4.15/4.30

Pohang, South Korea

Sep. 2024 – Aug. 2026

Pohang University of Science and Technology (POSTECH)

B.S. in Electrical Engineering

- GPA: 3.88/4.30 (Magna cum laude)

Pohang, South Korea

Feb. 2018 – Aug. 2024

PUBLICATIONS

Neural Weight Compression for Language Models

Jegwang Ryu, Minkyu Kim, Seungjun Shin, Hee Min Choi, Dokwan Oh, and Jaeho Lee

ICML 2026 Workshop: Resource-Adaptive Foundation Model Inference

Learned Image Compression for Vision-Language-Action Models

Hyeonjun Kim, Jegwang Ryu, Sangbeom Ha, Junhyeok Lee, Jun-Hyuk Kim, Hyemin Ahn, and Jaeho Lee

Preprint

Decoding with Limited Teacher Supervision Requires Understanding When to Trust the Teacher

Hyunjong Ok, Jegwang Ryu, and Jaeho Lee

Empirical Methods in Natural Language Processing (EMNLP), 2024

The Role of Masking for Efficient Supervised Knowledge Distillation of Vision Transformers

Seungwoo Son, Jegwang Ryu, Namhoon Lee, and Jaeho Lee

European Conference on Computer Vision (ECCV), 2024

EXPERIENCE

Pohang University of Science and Technology (POSTECH)

Undergraduate Research Intern

- Efficient Learning Lab (EffL); Advisor: Prof. Jaeho Lee

Pohang, South Korea

Jun. 2023 – Aug. 2023; Jan. 2024 – Jul. 2024

Samsung Electronics DS Division

Intern, System LSI

Hwaseong, South Korea

Sep. 2023 – Dec. 2023

HONORS & AWARDS

National Science & Technology Scholarship

Feb. 2020 – Aug. 2024

TECHNICAL SKILLS

Programming: Python, C/C++

ML Frameworks: PyTorch

ADDITIONAL INFORMATION

Military Service

Republic of Korea Air Force

South Korea

Jul. 2021 – Apr. 2023