Inju Ha

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Ph.D. student in Electrical and Computer Engineering at Seoul National University, advised by Prof. Bohyung Han. Research interests include image restoration, robust visual modeling, and vision-language models. Multiple co-first-author CVPR publications, NTIRE 2025 challenge winner, and experience training billion-scale models on large GPU clusters.

Education

Seoul National University — Seoul, Republic of Korea
Ph.D. in Electrical & Computer Engineering — *Sep 2024 – Present*

Seoul National University — Seoul, Republic of Korea
B.S. in Electrical & Computer Engineering, Summa Cum Laude — *Mar 2018 – Aug 2024*

Korean Minjok Leadership Academy — Hoengseong, Republic of Korea
High School Diploma (STEM) — *Mar 2015 – Feb 2018*

Experience

Naver Corporation — HyperCLOVA X — Seongnam, Republic of Korea
Visiting Research Scientist, Vision Understanding (VU) Team — *Oct 2025 – Feb 2026*

- Designed and built distributed SFT pipelines for 32B Mixture-of-Experts (MoE) vision-language backbones.
- Implemented EP + SP across 192-node A100 clusters, achieving 4× end-to-end training speedup.
- Reduced per-experiment turnaround from days to hours, accelerating model iteration cycles.

Computer Vision Lab, Seoul National University — Seoul, Republic of Korea
Research Intern — *Jun 2023 – Aug 2024*

- Contributed to research on robust image denoising under distribution shifts, resulting in a CVPR 2024 publication.
- Co-developed a frequency-domain mixup method (AFM-E) that improved denoising robustness.

Samsung Electronics — Samsung Networks, vRAN — Suwon, Republic of Korea
Software R&D Intern — *Jan 2023 – Feb 2023*

- Built a real-time monitoring dashboard for large-scale vRAN simulation data, used by 100+ engineers.

USAG Humphreys — ROK Army — Pyeongtaek, Republic of Korea
Military Intelligence Analyst, Sergeant (Mandatory Service) — *Jun 2020 – Oct 2021*

- Automated daily intelligence reporting workflows (Excel VBA), reducing manual effort by 90%.
- Served as an interpreter between ROK and U.S. forces.

Selected Publications (* equal contribution)

Beyond the Ground Truth: Enhanced Supervision for Image Restoration — CVPR 2026
Donghun Ryou, **Inju Ha***, Sanghyeok Chu, and Bohyung Han*
[Project Page] [arXiv] [Code]

Learning to Translate Noise for Robust Image Denoising — CVPR Findings 2026
Inju Ha, Donghun Ryou*, Seonguk Seo, and Bohyung Han*
[Project Page] [arXiv] [Code]

Robust Image Denoising through Adversarial Frequency Mixup — CVPR 2024
*Donghun Ryou, **Inju Ha**, Hyewon Yoo, Dongwan Kim, and Bohyung Han*
[Paper] [Code]

Awards & Honors

Runner-up, NTIRE 2026 Image Low Light Enhancement Challenge, Perceptual Track (CVPR 2026) — Jun 2026
Winner, NTIRE 2025 Image Super-Resolution Challenge, ×4 Perceptual Track (CVPR 2025) — Jun 2025
Runner-up, NTIRE 2025 Image Denoising Challenge (CVPR 2025) — Jun 2025
Summa Cum Laude, College of Engineering, Seoul National University — Aug 2024
Full Scholarship, Gwanak Alumni Scholarship Foundation — 2022 – 2023
Scholarship for Excellence, Seoul National University — 2018 – 2019

Academic Service

Served as a Reviewer: CVPR, ECCV, NeurIPS, ICLR, AAAI | **Invited Session**: KCCV 2024

Skills

Programming / ML Systems: Python, C/C++, PyTorch, FSDP, DeepSpeed, Linux, Git, Docker
Languages: Korean (Native), English (Fluent)