Sangyeop Yeo — B.S.

Laboratory of Advanced Imaging Technology (LAIT),
Graduate School of Artificial Intelligence,
Ulsan National Institute of Science and Technology (UNIST),
603-2, E106, UNIST-gil 50, 44919, Ulsan, South Korea

Webpage:	sangyeopyeo.github.io
GitHub:	github.com/SangyeopYeo
LinkedIn:	linkedin.com/in/sangyeopyeo
Email:	sangyeop377@gmail.com

Research Interests

- **Multi-modal generative models**

- **Efficient deep generative models**

- **Controllable and personalized generative models**

Education

Ulsan National Institute of Science and Technology (UNIST) **Ulsan, South Korea**
Combined Master's and Ph.D. Programs in Laboratory of Advanced Imaging Technology *Sep. 2021 - Present*
Advisor: Jaejun Yoo

Ajou University **Suwon, South Korea**
B.S. in Electrical and Computer Engineering *Aug. 2021*
Major grade: 4.01/4.50 *Grade:* 3.91/4.50

Experience

Self-research challenges program for creativity - UNIST **Ulsan, South Korea**
Topic: Developing lightweight generative models *July 2022 - Dec. 2022*

Smilegate Membership - Smilegate Future LAB **Pangyo, South Korea**
Topic: Face style editing via GAN *June 2022 - Nov. 2022*

AI Challengers Program - U Innovative Education Center **Ulsan, South Korea**
Topic: Interactive video style transfer *April 2022 - Dec. 2022*

Brain To Society Industry Friendly Research Project - Future Technology Innovation Convergence Talent Training Center **Ulsan, South Korea**
AI image analysis team *June 2021 - Dec. 2021*
Topic: Disease detection via medical image analysis

International Conferences

1. **Sangyeop Yeo**, Yoojin Jang, Jaejun Yoo, *"Nickel and Diming Your GAN: A Dual-Method Approach to Enhancing GAN Efficiency via Knowledge Distillation"*, European Conference on Computer Vision (ECCV), October 2024. [project page] **(First)**

2. **Sangyeop Yeo**, Yoojin Jang, Jy-yong Sohn, Dongyoon Han, Jaejun Yoo, *"Can We Find Strong Lottery Tickets in Generative Models?"*, Computer Vision and Pattern Recognition (CVPR) workshop, June 2023. [project page] **(First)**

3. **Sangyeop Yeo**, Yoojin Jang, Jy-yong Sohn, Dongyoon Han, Jaejun Yoo, *"Can We Find Strong Lottery Tickets in Generative Models?"*, Association for the Advancement of Artificial Intelligence (AAAI), February 2023. [project page] **(First, Oral)**

Domestic Conferences

1. **Sangyeop Yeo** and Jaejun Yoo, *"Do Not Compress GANs, Find a Hidden Network in the Generator"*, The Institute of Electronics and Information Engineers (IEIE), June 2022. **(First)**

2. Seojun Kim, **Sangyeop Yeo** and Jaejun Yoo, *"EP-SRCNN : Strong Lottery Ticket in Super-Resolution"*, Korean Artificial Intelligence Association (KAIA), November 2022.

Skills and Techniques

- Programming Language: Python, C

- Deep Learning Framework: PyTorch

- etc: Linux, Docker, MATLAB

Reference

Jaejun Yoo, Ph.D. — UNIST Assistant Professor (M.S. & Ph.D. Advisor)

Laboratory of Advanced Imaging Technology (LAIT)
Professor of Graduate School of Artificial Intelligence
Ulsan National Institute of Science and Technology (UNIST)
701-5, E106, UNIST-gil 50, 44919, Ulsan, South Korea
Republic of Korea
Email: jaejun.yoo@unist.ac.kr
Office: 82-52-217-3453
Webpage: sites.google.com/view/jaejunyoo