

Sangyeop Yeo — B.S.

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Research Interests

- Generative models
- Network compression
- Data-efficient generative models
- Evaluation metrics

Education

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)

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