

Jaeyo Shin

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Education

KAIST GSAI (2024. 08 ~)

Daejeon, Republic of Korea

Master's Program

- Advisor : Hyunjung Shim

- Current CGPA: 4.10 / 4.3

Sogang University (2018. 03 ~ 2024. 08)

Seoul, Republic of Korea

Bachelor of Science

- 1st Major in Mathematics

- 2nd Major in Computer Science

- CGPA: 4.1 / 4.3

Experience

CVML Lab

2024.8 ~

M.S. student

KAIRI Intern at BISLP LAB

2023.7 ~ 2023.8

DAVIAN Lab undergraduate research student

2022.7 ~ 2023.6

Awards

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- Department of Natural Sciences, 2018, Dean's list
 - Win "Chief of Naval Staff Award" in 2021 Military Soldier Public Software Online Hackerthon
 - Department of Natural Sciences, 2022, Dean's list

Publications

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- Representation Alignment for Just Image Transformers is not Easier than You Think (*Jaeyo Shin, *Jiwook Kim, and Hyunjung Shim | ArXiv 2026)
 - Real-Time Long Horizon Air Quality Forecasting via Group-Relative Policy Optimization (Inha Kang, Eunki Kim, Wonjeong Ryu, Jaeyo Shin, Seungjun Yu, Yoon-Hee Kang, Seongeun Jeong, Eunhye Kim, Soontae Kim, and Hyunjung Shim | CVPR 2026)

- WaymoQA: A Multi-View Visual Question Answering Dataset for Safety-Critical Reasoning in Autonomous Driving
(Seungjun Yu, Seonho Lee, Namho Kim, Jaeyo Shin, Junsung Park, Wonjeong Ryu, Raehyuk Jung, and Hyunjung Shim | ArXiv 2025)
- CoT-PL: Visual Chain-of-Thought Reasoning Meets Pseudo-Labeling for Open-Vocabulary Object Detection
(Hojun Choi, Youngsun Lim, Jaeyo Shin, and Hyunjung Shim | ArXiv 2025)
- DreamCatalyst: Fast and High-Quality 3D Editing via Controlling Editability and Identity Preservation
(*Jiwook Kim, *Seonho Lee, Jaeyo Shin, Jiho Choi, and Hyunjung Shim | ICLR 2025)
- MagiCapture: High-Resolution Multi-Concept Portrait Customization
(*Junha Hyung, *Jaeyo Shin, and Jaegul Choo | AAAI 2024)