Do Hun Lee

Personal Data

Date of Birth : 4th July, 1999
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Address : 21, Baumoe-ro 4-gil, Seocho-gu, Seoul, Republic of Korea

Education

Master Degree (In progress):
KAIST, Daejeon, South Korea(2024.03-)
- Major in Artificial Intelligence

Bachelor of Science:
KAIST, Daejeon, South Korea(2018.03-2024.02)
- Major in Computer Science
- Minor in Electronic & Electrical Engineering
- 4.05/4.30 GPA

High School:
Korea Science Academy(KSA), Busan, South Korea(2015.03-2018.02)
- Major in Chemistry
- 3.82/4.3 GPA

Work Experience & Research

2024.10 Paper – **VideoGuide: Improving Video Diffusion Models without Training Through a Teacher's Guide,**
Dohun Lee*, Bryan S Kim*, Geon Yeong Park, Jong Chul Ye, arxiv 2024.

2024.10 Paper – **ACDC: Autoregressive Coherent Multimodal Generation using Diffusion Correction,**
Hyungjin Chung*, **Dohun Lee***, Jong Chul Ye, arxiv 2024.

2024.11 Paper – **Optical-Flow Guided Prompt Optimization for Coherent Video Generation,**
Hyelin Nam*, Jaemin Kim*, **Dohun Lee**, Jong Chul Ye, arxiv 2024.

2025.01 Paper – **ContextMRI – Enhancing Compressed Sensing MRI through Metadata Conditioning,**
Hyungjin Chung*, **Dohun Lee*,** Zihui Wu, Byung-Hoon Kim, Katherine L.Bouman,
Jong Chul Ye, arxiv 2025.

Honor & Awards

2017.06   Most Creative Research – Environmental Science and Future Energy (ISSF 2017)

2019.09   Dean's List (Computer Science)

2020.03   Dean's List (Computer Science)

Scholarship

2022.03 – Present   National Science & Technology Scholarship

Military Service

2020.04.06 – 2021.10.12   Korea Army, Republic of Korea