

# Seungeun Lee

AI Researcher, Future AI, KLleon

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## RESEARCH INTEREST

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Computer vision and deep learning, including

- 3D human modeling
  - Animatable 3D avatar generation
  - Human motion capture
  - Neural rigging and animation
- Geometric deep learning on sphere
  - Generative modeling on sphere
  - Spherical image registration
  - Spherical harmonic analysis

## EDUCATION

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M.S., Computer Science and Engineering, UNIST

2021–2023

Advisor: Prof. Ilwoo Lyu

B.S., Information & Communication Engineering, Inha University

2017–2021

Summa Cum Laude (rank: 3/89), GPA: 4.2/4.5, Total credit: 152

## WORK EXPERIENCE

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AI Researcher, Future AI Team, KLleon

Nov. 2023–Present

Advisor: Prof. Gyeong-Moon Park

- Worked on asdfasdf

Researcher Intern, NAVER CLOVA

Nov. 2023–Present

- Worked on asdfasdf
- asdfasdfasdfasdf

## PUBLICATION

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[C4] J. Cho, J. Kim, J. Kim, M. Kim, M. Kang, S. Hong, **Tae-Hyun Oh**, Y. Yu, “DisCoRD: Discrete Tokens to Continuous Motion via Rectified Flow Decoding,” *ICCV*, 2025. ([Highlight paper](#), [Accept. rate .%](#))

[C3] D. H. Dat, N. Hyeon-Woo, P.-Y. Mao, **Tae-Hyun Oh**, “VSC: Visual Search Compositional Text-to-Image Diffusion Model,” *ICCV*, 2025.

[C2] K. Sung-Bin, J. Choi, P. Peng, J. S. Chung, **Tae-Hyun Oh**, D. Harwath, “VoiceCraft-Dub: Automated Video Dubbing with Neural Codec Language Models,” *ICCV*, 2025.

[J2] A. Senocak, H. Ryu, J. Kim, **Tae-Hyun Oh**, H. Pfister, J. S. Chung, “Toward Interactive Sound Source Localization: Better Align Sight and Sound!,” *TPAMI*, 2025.

[J1] M. Ye-Bin\*, N. Hyeon-Woo\*, W. Choi, N. Kim, S. Kwak, **Tae-Hyun Oh**, “SYNAuG: Exploiting Synthetic Data for Data Imbalance Problems,” *Pattern Recognition Letters (PRL)*, to appear. (IF 3.9)

[C1] K. Byung-Ki, Q. Dai, L. Hyoseok, C. Luo, **Tae-Hyun Oh**, “JointDiT: Enhancing RGB-Depth Joint Modeling with Diffusion Transformers,” *ICCV*, 2025.

## HONOR & AWARD

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Feb. 2025. **Silver Prize** (Student \$7,500, Advisor \$2,800), *Samsung HumanTech Paper Award*. (as advisor)

Silver award to my undergraduate research intern, Chunsan Hong (Senior in university) by his work “MemBench: Memorized Image Trigger Prompt Dataset for Diffusion Models,” collaborated with Prof. Minhyuk Sung.

2006–2010. **Scholarships**

*Korea Scholarship Foundation For the Future Leaders* [08’-10’],  
*Korea Broadcasting Station (KBS) Scholarship Foundation* [09’],  
*Kwang-Woon University* (by academic records) [06’-10’].

- **Other paper awards** [17 Best paper awards]

- Asian Federation of Computer Vision (AFCV) Best Paper Award, from Korea Robotics Conference (KRoC) 2024
- Workshop on Image Processing and Image Understanding 2014, 2018, 2021 (two awards), 2022, 2023, 2024 (two awards), 2025 (three best poster awards, one best paper award (silver))
- Korean Multimedia Conference 2015
- International Workshop on Robust Computer Vision 2013 and 2018
- POSTECH-Naver AI Day 2022

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