

Jisang Han

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Research Interests

My research interests lie in the intersection of computer vision and machine learning, particularly in 3D computer vision and generative models. My goal is to solve fundamental problems in 3D computer vision and apply them to real-world scenarios. Recently, I am interested in the problem of:

- 3D & 4D Reconstruction
- World models

Education

M.S / Ph.D Integrated Course in Artificial Intelligence Sep. 2024 –
Korea Advanced Institute of Science and Technology (KAIST) *Advisor: Seungryoung Kim*

M.S in Computer Science and Engineering Mar. 2024 – Aug. 2024
Korea University *Advisor: Seungryoung Kim*

- Degree incomplete: Transferred to KAIST with advisor.

B.S in Computer Science and Engineering Mar. 2020 – Feb. 2024
Korea University

- GPA 4.38 / 4.5 (*Summa Cum Laude*, **ranked 1st**)

Publications

*: Equal Contribution, †: Corresponding Author

Preprints

[P5] Cross-View Completion Models are Zero-shot Correspondence Estimators [Paper](#) | [Project Page](#) | [Code](#)

Honggyu An*, Jinhyeon Kim*, Seonghoon Park, Jaewoo Jung,
Jisang Han, Sunghwan Hong, Seungryoung Kim†

[P4] Video Camera Trajectory Editing with Generative Rendering from Estimated Geometry [Paper](#) | [Project Page](#) | [Code](#)

Junyeong Seo*, Jisang Han*, Jaewoo Jung*, Siyoon Jin, Jounghbin Lee,
Takuya Narihira, Kazumi Fukuda, Takashi Shibuya, Donghoon Ahn,
Shoukang Hu, Seungryoung Kim†, Yuki Mitsufuji†

[P3] PF3plat: Pose-Free Feed-Forward 3D Gaussian Splatting [Paper](#) | [Project Page](#) | [Code](#)

Sunghwan Hong*, Jaewoo Jung*, Heeseong Shin, Jisang Han,
Jiaolong Yang†, Chong Luo†, Seungryoung Kim†

[P2] Relaxing Accurate Initialization Constraint for 3D Gaussian Splatting [Paper](#) | [Project Page](#) | [Code](#)

Jaewoo Jung*, Jisang Han*, Honggyu An*, Seonghoon Park*, Jiwon Kang*, Seungryoung Kim†

[Featured on Github \(300+ Stars\)](#)

[P1] Self-Evolving Neural Radiance Fields [Paper](#) | [Project Page](#) | [Code](#)

Jaewoo Jung*, Jisang Han*, Jiwon Kang*, Seongchan Kim, Seungryoung Kim†

Workshop on Image Processing and Image Understanding (IPIU 2024) ([Outstanding Paper Silver Award](#))

Honors

Outstanding Paper Silver Award, IPIU 2024 - <i>Paper: Self-Evolving Neural Radiance Fields</i>	2024
Highest Honor, Korea University - <i>Graduated 1st in College of Informatics</i>	2024
Dean's list, Korea University - <i>Award for achieving a GPA of 4.5/4.5</i>	2021, 2022
Semester High Honors, Korea University - <i>Award for Academic Excellence</i>	2020, 2021, 2022, 2023

Experience

Corca ML Engineer	Jun. 2023 – Dec. 2023
CVLAB, Korea University Research Intern (<i>Advisor: Seungryong Kim</i>)	Mar. 2022 – Jun. 2023

Academic Services

Conference Reviewers

- *International Conference on Learning Representations (ICLR), 2025*