

Lee Hyoseok

hyos99@postech.ac.kr

[Website](#) | [Scholar](#) | [Github](#)

RESEARCH INTEREST

Exploring the intersection of computer vision & graphics, and machine learning, but not limited to.

Generative Models, Computational Photography, and 3D Reconstruction

EDUCATION

Pohang University of Science and Technology, POSTECH

M.S., Artificial Intelligence (Advisor: Prof. [Tae-Hyun Oh](#))

Sep. 2023 – Present

Pohang, Korea

Kookmin University, KMU

Bachelor, Major: Big Data Management Statistics & Minor: Computer Science

Mar. 2019 – Aug. 2023

Seoul, Korea

EXPERIENCE

Undergraduate Research Internship

Computer Graphics Lab (Advisor: [Prof. Seung-Hwan Baek](#))

Jan. 2023 – May. 2023

POSTECH, Korea

- Conducted research on event-based computational imaging for nano-optics

Student Representative

Google Developer Student Club Lead

Aug. 2022 – Mar. 2023

Kookmin University, Korea

- Worked on student leadership and AI mentoring

Undergraduate Research Internship

Visual Computing Lab (Advisor: [Prof. Junho Kim](#))

Jun. 2021 – Mar. 2023

Kookmin University, Korea

- Conducted research on NeRF-based 3D generative models

AWARD & HONOR

Excellence Prize, Electronics Times ICT Paper Awards

“FPGS: Feed-Forward Semantic-aware Photorealistic Style Transfer of Large-Scale Gaussian Splatting”.

Nov. 2024

Outstanding Poster Presentation Awards for IPIU 2024

“Bootstrapping Multi-View Features via Bridging the Gap between Linearity of Rendering and Non-linearity of 2D Feature Space”.

Feb. 2024

PUBLICATION

Journal

[J1] G. Kim, K. Youwang, [Lee Hyoseok](#), T.-H. Oh, “FPGS: Feed-Forward Semantic-aware Photorealistic Style Transfer of Large-Scale Gaussian Splatting” *IJCV*, *under review*.

Conference

[C2] A paper on “Joint Generative Model”, *submitted*

[C1] [Lee Hyoseok](#), K.S. Kim, B.-K. Kwon, T.-H. Oh, “Zero-shot Depth Completion via Test-time Alignment with Affine-invariant Depth Priors” *AAAI*, 2025.

Domestic

[D1] **Lee Hyoseok**, K. Jun-Seong, K. Ji-Yeon, T.-H. Oh, "Bootstrapping Multi-View Features via Bridging the Gap between Linearity of Rendering and Non-linearity of 2D Feature Space" *36th Workshop on Image Processing and Image Understanding*, 2024.

PATENT

Method, computing device and computer program for generating depth map based on point cloud using artificial intelligence

KR10-2024-0170513

REFERENCE

Prof. Tae-Hyun Oh, Professor, KAIST
Relationship: M.S. & Ph.D. advisor
E-mail: thoh.kaist.ac.kr@gmail.com