Byung-Jun Kim

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EDUCATION

Seoul National University (SNU), Korea Sep.2022-Present
M.S./Ph.D. candidate in Computer Science (adviser: Prof. Hanbyul Joo)

Korea Advanced Institute of Science and Technology (KAIST), Korea Mar.2014-Feb.2019
B.S.(cum laude) in Electrical Engineering

PUBLICATION

Byungjun Kim, Shunsuke Saito, Giljoo Nam, Tomas Simon, Jason Saragih, Hanbyul Joo, and Junxuan Li, "HairCUP: Hair Compositional Universal Prior for 3D Gaussian Avatars.", *International Conference on Computer Vision (ICCV)*, 2025. (**Oral presentation**)

Taeksoo Kim*, **Byungjun Kim***, Shunsuke Saito, and Hanbyul Joo, "GALA: Generating Animatable Layered Assets from a Single Scan.", *Computer Vision and Pattern Recognition Conference (CVPR)*, 2024.

Hyunsoo Cha, **Byungjun Kim**, and Hanbyul Joo, "PEGASUS: Personalized Generative 3D Avatars with Composable Attributes.", *Computer Vision and Pattern Recognition Conference (CVPR)*, 2024.

Inhee Lee, **Byungjun Kim**, and Hanbyul Joo, "Guess The Unseen: Dynamic 3D Scene Reconstruction from Partial 2D Glimpses.", *Computer Vision and Pattern Recognition Conference (CVPR)*, 2024.

Byungjun Kim*, Patrick Kwon*, Kwangho Lee, Myunggi Lee, Sookwan Han, Daesik Kim, and Hanbyul Joo, "Chupa: Carving 3D Clothed Humans from Skinned Shape Priors using 2D Diffusion Probabilistic Models", *International Conference on Computer Vision (ICCV)*, 2023. (**Oral presentation, Acceptance ratio: 152/8260 = 1.8%**)

Gwangtak Bae, **Byungjun Kim**, Seongyong Ahn, Jihong Min, and Inwook Shim, "SLiDE: Self-supervised LiDAR De-snowing through Reconstruction Difficulty", *European Conference on Computer Vision (ECCV)*, 2022.

WORK EXPERIENCE

Codec Avatars Lab, Meta Jun.2024–Dec.2024
Research Scientist Internship. advisor: Dr. Junxuan Li

Agency of Defense Development, Korea Jun.2019–May.2022
Research Officer. advisor: Dr. Inwook Shim

- Computer Vision, LiDAR based 3D Object Detection, Code optimization
- *Deformable Object Recognition Technology Project* [19'-22']
- *Traversable Area and Object Detection on Adverse-environmental Conditions (TAODAC)* [19'-22']
  - International Joint Research Program(DSO, Singapore).

AWARDS

BK21 Fellowship for Outstanding Research Talent, First Half 2025 Mar. 2025–Aug. 2025
Awarded to top-performing graduate researchers in the BK21 FOUR program

Research Officer for National Defense, Ministry of National Defense, Korea Jun. 2019–May 2022
25 selected nation-wide

National Scholarship for Science and Engineering Mar. 2017–Feb. 2019
Future leaders with strong academic performance in Science and Engineering

ACADEMIC SERVICE

Conference Reviewer

IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**): 2024, 2025
IEEE/CVF International Conference on Computer Vision (**ICCV**): 2023, 2025
Conference on Neural Information Processing Systems (**NeurIPS**), *Datasets & Benchmarks Track*: 2023–2024
International Conference on 3D Vision (**3DV**): 2024
IEEE Winter Conference on Applications of Computer Vision (**WACV**): 2023, 2025, 2026

SKILLS

- Programming language and tools: Python, Pytorch, Matlab, C
- Language: Korean(native), English