

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: Hanbyul Joo)

Korea Advanced Institute of Science and Technology (KAIST), Korea

Mar.2014-Feb.2019

B.S.(cum laude) in Electrical Engineering

PUBLICATION

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**)

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

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).*

Samsung Electronics(CE/IM)

Jul.2018–Aug.2018

Network Division

- Hardware verification of 5G NR base station

Undergraduate Research Internship, KAIST

Sep.2018–Dec.2018

Scientific Computing Lab., advisor: Prof. Joohwan, Chun

- Worked on tracker/smoothing algorithms and its possible applications on estimation of missile trajectory

AWARDS

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

IEEE/CVF International Conference on Computer Vision (**ICCV**), 2023

Conference on Neural Information Processing Systems (**NeurIPS**), 2023

IEEE Winter Conference on Applications of Computer Vision (**WACV**), 2023

SKILLS

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