

Youngsik Yun

RESEARCHER · DEVELOPER

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Interests

3D/4D Reconstruction

- Radiance Fields (NeRF and 3DGS)
- Online Training on Video Streams

3D/4D Understanding

- Open-Vocabulary Segmentation of Radiance Fields

Publications

CONFERENCE

Per-Gaussian Embedding based Deformation for Deformable 3D Gaussian Splatting

ECCV 2024

JEONGMIN BAE*, SEOHA KIM*, **YOUNGSIK YUN**, HAHYUN LEE, GUN BANG, YOUNGJUNG UH[†]

Sep. 2024

- [paper link](#)
- [project page](#)

Sync-NeRF: Generalizing Dynamic NeRFs to Unsynchronized Videos

AAAI 2024

SEOHA KIM*, JEONGMIN BAE*, **YOUNGSIK YUN**, HAHYUN LEE, GUN BANG, YOUNGJUNG UH[†]

Feb. 2024

- [paper link](#)
- [project page](#)

WORKSHOP

Optimizing Dynamic NeRF and 3DGS with No Video Synchronization

ECCV 2024 Wild 3D Workshop

SEOHA KIM*, JEONGMIN BAE*, **YOUNGSIK YUN**, HAHYUN LEE, GUN BANG, YOUNGJUNG UH[†]

Sep. 2024

- [paper link](#)

PREPRINTS

Rethinking Open-Vocabulary Segmentation of Radiance Fields in 3D Space

will be updated

HYUNJEE LEE*, **YOUNGSIK YUN***, JEONGMIN BAE, SEOHA KIM, YOUNGJUNG UH[†]

- [paper link](#)
- [project page](#)

Experience

Electronics and Telecommunications Research Institute

Daejeon, S.Korea

ACADEMIC-RESEARCH COOPERATION

Sep. 2023 - Present

- Research on 4D Scene Reconstruction

Visual Intelligence Lab

Yonsei Univ, S.Korea

AI RESEARCHER

Sep. 2023 - Present

- Advised by Youngjung Uh. Research on 3D/4D Scene Reconstruction and Understanding.

Skills

Programming Python, C/C++

Framework Pytorch, Docker

Education

Yonsei University

Seoul, S.Korea

M.S./PH.D. INTEGRATED STUDENT IN SCHOOL OF ARTIFICIAL INTELLIGENCE

Sep. 2023 - Present

Seoul National University of Science and Technology

Seoul, S.Korea

B.S. IN SCHOOL OF ELECTRICAL AND INFORMATION ENGINEERING

Mar. 2019 - 2023