

# Youngho Yoon

PostDoc. in KAIST  
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## PERSONAL DATA

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- **Birth / Nationality:** 17th February, 1997 / Republic of Korea
- **Language:** First language Korean, Fluent in English

## EDUCATION

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- **Korea Advanced Institute of Science and Technology (KAIST)** Daejeon, Korea  
Postdoctoral Researcher *March 2026 – Present*
- **Korea Advanced Institute of Science and Technology (KAIST)** Daejeon, Korea  
Ph.D. in Mechanical Engineering (GPA: 3.94/4.3) *March 2020 – February 2026*  
Advisor: Kuk-Jin Yoon
- **Denmark Technical University (DTU)** Copenhagen, Denmark  
Exchange Program in Mechanical Engineering *February 2019 - May 2019*
- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, Korea  
BS in Mechanical Engineering (Minor in Electrical Engineering (GPA: 3.87/4.3)) *March 2015 - February 2020*
- **Gyeongnam Science High School** Gyeongnam, Korea  
Early graduation *March 2012 - February 2014*

## RESEARCH INTEREST

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- **Computer Vision and AI**
  - Generative Models, Reinforcement Learning, 3D Vision, Computational Photography

## PUBLICATIONS

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- **Youngho Yoon**, Wonjune Cho, Hyunho Ha, Sujung Kim, and Kuk-Jin Yoon, “ExPose: Reinforcing Video Generation Models for Extreme Pose Estimation”, IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2026.
- **Youngho Yoon**, and Kuk-Jin Yoon, “ReSplat: Degradation-agnostic Feed-forward Gaussian Splatting via Self-guided Residual Diffusion”, The Fourteenth International Conference on Learning Representations (ICLR), 2026.
- Wooseong Jeong\*, Jegyeong Cho\*, **Youngho Yoon\***, Junho Lee, and Kuk-Jin Yoon, “Stabilizing Multi-Task Latent Spaces: Recursive Refinement with Coordinators in Partially Labeled Learning”, IEEE Access, 2026.
- Yuhwan Jeong\*, Yunseo Yang\*, **Youngho Yoon\***, and Kuk-Jin Yoon, “Decomposition-driven Grouping for Prompt-based Adverse Weather Removal”, International Conference on Computer Vision (ICCV), 2025.
- Wooseong Jeong\*, Jegyeong Cho\*, **Youngho Yoon\*** and Kuk-Jin Yoon, “Synchronizing Task Behavior: Aligning Multiple Tasks during Test-Time Training”, International Conference on Computer Vision (ICCV), 2025.
- **Youngho Yoon**, Hyun-Kurl Jang and Kuk-Jin Yoon, “Enhancing Generalizable Neural Rendering via Geometry-Driven Multi-Reference Texture Transfer,” The 18th European Conference on Computer Vision (ECCV), 2024.
- **Youngho Yoon** and Kuk-Jin Yoon, “Cross-Guided Optimization of Radiance Fields with Multi-View Image Super-Resolution for High-Resolution Novel View Synthesis,” IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2023.
- Hyeokjun Kweon\*, Hyeonseong Kim\*, Yoonsu Kang\*, **Youngho Yoon\***, Wooseong Jeong and Kuk-Jin Yoon, “Pixel-Wise Warping for Deep Image Stitching,” Association for the Advancement of Artificial Intelligence (AAAI), 2023.
- **Youngho Yoon**, Inchul Chung, Lin Wang and Kuk-Jin Yoon, “SphereSR: 360° Image Super-Resolution with Arbitrary Projection via Continuous Spherical Image Representation,” IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2022. (**Oral Presentation**)

## PREPRINTS & UNDER-REVIEW

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- Yunseo Yang\*, **Youngho Yoon\***, and Kuk-Jin Yoon, “PriSplat: Propagating Reliable Multi-view Information for Distractor-Free 3DGS”
- Daehyun We, **Youngho Yoon**, Jiyong Boo, and Kuk-Jin Yoon, “MotionEditGS: Editing Motion and Appearance of 4D Scenes from Monocular Video via Semantically Anchored Gaussians”
- ByeongIn Joung, **Youngho Yoon**, Hyun-Kurl Jang, and Kuk-Jin Yoon, “Implicit Surface Reconstruction from Sparse and Noisy Poses with Large Motions”

## PROJECTS

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- AI Research for Intelligent X- ray Luggage Scanning System (about Multi-view X-ray Imaging, Object detection), 2022-2024
- Development of Situational Awareness System to Prevent Collisions and Accidents for Autonomous Ships (Image restoration, Object detection), 2021-2022

## HONORS & AWARDS

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- Reviewer of Top-tier Conferences / CVPR, ICCV, ECCV, ICLR
- Reviewer of Top-tier Journals / TPAMI, IJCV
- Encouragement Award in Best Paper Awards during IPIU 2023, 35th Workshop on Image Processing and Image Understanding, 2023
- Honored on the Dean’s List, College of Engineering, KAIST, Spring 2017 / Fall 2017
- Honored on the Outstanding Award, Department of Mechanical Engineering, KAIST, 2017

## SKILLS SUMMARY

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- **Programming Tools:** Python, PyTorch, OpenCV, MATLAB, Docker

## EXTRACURRICULAR ACTIVITIES

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- **Naver Labs Internship** June 2025 - November 2025
- **Lab Students Sub Leader** January 2023 - December 2023
- **Counseling Assistant** March 2020 - February 2021