

# Seungwoo Yoo

 DeveloperY0115 |  Seungwoo Yoo |  Website |  dreamy1534@gmail.com

## ACADEMIC INTERESTS

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3D Machine Learning, Diffusion Models, Neural Rendering, Physically Based Rendering

## EDUCATION

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Korea Advanced Institute of Science and Technology (KAIST) 2023 -  
M.S. in Computer Science Advisor: [Minhyuk Sung](#)

Korea Advanced Institute of Science and Technology (KAIST) 2019 - 2023  
B.S. in Computer Science (Major) & Electrical Engineering (Minor)  
*Summa Cum Laude* (GPA: 4.01 / 4.3)

## WORK EXPERIENCE

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KAIST Visual AI Group, School of Computing, KAIST Jun 2021 - Aug 2023  
Undergraduate Intern Advisor: [Minhyuk Sung](#)

## PUBLICATIONS

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- [As-Plausible-As-Possible: Plausibility-Aware Mesh Deformation Using 2D Diffusion Priors](#)  
**Seungwoo Yoo\***, Kunho Kim\*, Vladimir G. Kim, Minhyuk Sung (\* denotes equal contribution.)  
*CVPR 2024*
- [SALAD: Part-Level Latent Diffusion for 3D Shape Generation and Manipulation](#)  
Juil Koo\*, **Seungwoo Yoo\***, Minh Hieu Nguyen\*, Minhyuk Sung (\* denotes equal contribution.)  
*ICCV 2023*

## TEACHING EXPERIENCE

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CS580: Computer Graphics School of Computing, KAIST  
Course Assistant Spring 2024

URP490: Undergraduate Research Participation Program School of Computing, KAIST  
Graduate Assistant Spring 2024

CS479: Machine Learning for 3D Data School of Computing, KAIST  
Course Assistant Fall 2023

CS380: Introduction to Computer Graphics School of Computing, KAIST  
Course Assistant Spring 2023

CS492(A): Machine Learning for 3D Data School of Computing, KAIST  
Course Assistant Spring 2022

## SCHOLARSHIPS AND ACHIEVEMENTS

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Presidential Science Scholarship  
Korea Student Aid Foundation (KOSAF) 2019 - 2022

CoE Leadership Award  
College of Engineering, KAIST Spring 2023

Grand Prix (1st place), Undergraduate Research Participation (URP) Program  
Associate Vice President of Research, KAIST Winter/Spring 2022

Dean's List	Spring 2020, Fall 2020, Fall 2021
College of Engineering, KAIST	
Department Honors Scholarship	
College of Engineering, KAIST	Fall 2020

ACADEMIC SERVICE

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Pacific Graphics 2023	
Student Delegate	Fall 2023

SKILLS

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Programming Languages	C, C++, Python
Deep Learning Frameworks	PyTorch
Languages	Korean (Native), English (Fluent)