

Seungwoo Yoo

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ACADEMIC INTERESTS

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

EDUCATION

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

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

PUBLICATIONS

- [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

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

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
College of Engineering, KAIST Spring 2020, Fall 2020, Fall 2021
Department Honors Scholarship
College of Engineering, KAIST Fall 2020

SKILLS

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