Daewon Choi's Curriculum Vitae

Undergraduate Student, Department of Industrial Management Engineering, Korea University, Seoul, Korea

CONTACT INFORMATION

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Github: https://github.com/ChoiDae1
Blog: https://science886.tistory.com

RESEARCH INTEREST

- 2D/3D Generative models (GAN, Diffusion)
- 3D Modeling, NeRF
- Image Inversion and Latent Editings
- Explainable AI (XAI)

EDUCATION

B.S. in **Korea University**, Seoul, Korea   **Feb 2020 - Aug 2023 (expected)**
GPA: *4.31/4.5*
Major: *Industrial Management Engineering*
           Computer Science and Engineering (Double major)

SKILLS

Programming Skills: *Python, C++, R, React JS, SQL, Docker*
Language Skills: *English: TEPS Score 350 (High Intermediate Level)*

RESEARCH EXPERIENCE

Undergraduate Research Intern   *Jan 2022 – present*
3D Vision Team in **CVLAB**
Department of Computer Science and Engineering
Korea University, Seoul, Korea
Working with Prof. Seungryong Kim

PUBLICATION

1. Mira Kim, Jaehoon Ko, Kyusun Cho, Junmyeong Choi, **Daewon Choi** and Seungryong Kim, "AE-NeRF: AutoEncoding Neural Radiance Fields for 3D-Aware Object Manipulation," arXiv:2204.13426, 2022. (*IJCV* 2023 under review)

2. Jaehoon Ko, Kyusun Cho, **Daewon Choi**, Gwangrok Ryu and Seungryong Kim, "Pose-free 3D GAN inversion," in *Winter Conference on Applications of Compute Vision (WACV)*, 2023.

CERTIFICATED

Member of **KUBIG**, Data Science Society of **Korea University**, Seoul, Korea	*Jul 2021 – Jul 2022*
KU Smart Campus Datathon, Development Anam-dong Barrier-free map Web page	*Jul 2022 – Sep 2022*
LG AIMERS, AI Education and Hackathon using LG company's real quality process data	*Jul 2022 – Aug 2022*
2nd **KUIAI Hackathon**, Prediction of Building Location Score using real Seoul city data	*Jan 2022*
Curriculum of Machine Learning/Deep Learning that conquers theory and practice , **Seoul National University**, Seoul, Korea	*Jul 2021*

Curriculum of Linux Sever and Deep Learning Application, **Korea University**, Seoul, Korea   *May 2021*

Program on the Development of problem-solving AI, **KAIST**, Daejeon, Korea   *Jan 2021*

AWARDS
- Academic Semester High Honors (2020 1ST, 2020 2nd, 2021 1ST, 2021 2nd, 2022 1ST Semester)
- Academic Excellence Award 1st Semester 2021
- 7th place Medical AI Challenge Pathology
- 3rd Award IME Project for Application of GPU Server 2021

SCHOLARSHIP
- National Science & Technology Scholarship (2022-2023)