

Taehwan Kim

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| POSITION | B.S. Candidate Department of Artificial Intelligence Chung-Ang University (CAU) |
| CONTACT INFORMATION | Phone : 010-4095-5452 E-mail : dmkthwan11@gmail.com GitHub : https://github.com/thwan11 Homepage : https://thwan11.github.io/ |
| CITIZENSHIP | The Republic of Korea |
| BIRTHDAY | Jan 11th, 2002. |
| RESEARCH INTERESTS | Image/video generation and editing, especially, drag-based editing and learning visual correspondences |
| EDUCATION | Chung-Ang University (CAU) , Seoul, Korea <i>B.S. Candidate in Artificial Intelligence</i> Mar 2022 - now <ul style="list-style-type: none">• Advisor : Prof. Junyeong Kim• Major : Artificial Intelligence• Cumulative GPA : 4.43/4.5• Cumulative Major GPA : 4.5/4.5• Rank : 1/26 Jeju Jeil High School , Jeju, Korea <i>Natural Science Track</i> Mar 2018 - Feb 2021 |
| WORK EXPERIENCES | Sparta Coding Club , Seoul, Korea <i>Lecture Inspector</i> Jul 2023 - now |
| RESEARCH EXPERIENCES | CVLab, KAIST , Seoul, Korea <i>Research Intern (full-time)</i> Dec 2024 - now <ul style="list-style-type: none">• Advisor : Prof. Seungryong Kim• Research on diffusion models and visual correspondence. Intelligent Multimodal Reasoning Lab, Chung-Ang University , Seoul, Korea <i>Research Intern (full-time)</i> Aug 2023 - Dec 2024 <ul style="list-style-type: none">• Advisor : Prof. Junyeong Kim• Research on drag-based image editing [IEIE 2024], and image to audio generation [DCS 2024]. |
| PUBLICATIONS | Taehwan Kim* , Minsung Kim*, Soowan Yoon*, Kisung Lee, “IMMU : IMage to MUsic 시퀀스를 이용한 SNS 플랫폼 기술,” in <i>Digital Contents Society (DCS) 2024</i> (*equal contribution) Silver Prize Taehwan Kim , Jaeho Han, Junyeong Kim, “A survey of diffusion models for point-based editing,” in <i>The Institute of Electronics and Information Engineers (IEIE) 2024</i> |

HONORS AND
AWARDS

Chung-Ang University Alumni Association Scholarship Fellowship, 2024

- Winner, received ₩1,000,000

Seoul Scholarship Foundation Fellowship, 2024

- Winner, received ₩4,000,000

54th The Korea Scholarship Foundation for the Future Leaders Fellowship, 2024

- Winner, received ₩11,000,000 (total)

Dean's List, CAU

- 2022 Fall, 2023 Spring, 2023 Fall (3 times), received ₩3,000,000 (total)

Awards

- Silver Prize,
Digital Contents Society (DCS), 2024
- Silver Prize,
Datathon, Uni-D, 2023
- 3rd Prize,
SWignature, CCSSAA, 2023
- Gold Prize,
Datathon, Uni-D, 2022
- Excellence Prize in Project,
Engineering Education Innovation Center, CAU, 2021

LEADERSHIP

Chung-Ang University Artificial Intelligence Society (CUAI)

7th President

Mar 2024 - now

- 7th (Mar 2024 - now) president of the student AI society at Chung-Ang University, CUAI.

Under Graduate School Council of Dept. of AI, CAU

2nd - 3rd General Manager of Student Council

Jul 2022 - Dec 2023

- 2nd (Jul 2022 - Dec 2022) and 3rd (Dec 2022 - Dec 2023) general manager of under graduate school council of Department of Artificial Intelligence, Chung-Ang University.

TECHNICAL
SKILLS

Languages : Python, C/C++, C#, Java, Dart

Frameworks : PyTorch, Flutter, Streamlit, Gradio

Developer Tools : Git, Unity2D/3D

Libraries : OpenMP, Pandas, NumPy, OpenCV, Scikit-Learn, Matplotlib, etc.