Taehwan Kim

POSITION
B.S. Candidate
Department of Artificial Intelligence
Chung-Ang University (CAU)

CONTACT
INFORMATION
Phone : 010-4095-5452
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GitHub : https://github.com/thwan11
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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
B.S. Candidate in Artificial Intelligence   **Mar 2022 - now**
- Advisor : Prof. Junyeong Kim
- Major : Artificial Intelligence
- Cumulative GPA : 4.43/4.5
- Cumulative Major GPA : 4.5/4.5
- Rank : 1/29

Jeju Jeil High School, Jeju, Korea
Natural Science Track   **Mar 2018 - Feb 2021**

WORK
EXPERIENCES
Sparta Coding Club, Seoul, Korea
Lecture Inspector   **Jul 2023 - Aug 2024**

RESEARCH
EXPERIENCES
CVLab, KAIST, Seoul, Korea
Research Intern (full-time)   **Jan 2025 - now**
- Advisor : Prof. Seungryong Kim
- Research on diffusion models and visual correspondence.

Intelligent Multimodal Reasoning Lab, Chung-Ang University, Seoul, Korea
Research Intern (full-time)   **Aug 2023 - Dec 2024**
- 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 Digital Contents Society (DCS) 2024* (*equal contribution)
Silver Prize

Taehwan Kim, Jaeho Han, Junyeong Kim, "A survey of diffusion models for point-based editing," *in The Institute of Electronics and Information Engineers (IEIE) 2024*

HONORS AND AWARDS	Chung-Ang University Alumni Association Schollarship 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, 2024 Fall (4 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, 2022
LEADERSHIP	**Chung-Ang University Artificial Intelligence Society (CUAI)** 7th *President* **Mar 2024 - Feb 2025** • 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.