Taehwan Kim

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

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,
	  SWgnature, 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.