Taehyeon Kim

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EDUCATION

Yonsei University, Seoul, South Korea Mar. 2024 – Present
B.S. in Artificial Intelligence
GPA: 4.09/4.30 (Cumulative), 4.30/4.30 (Major)

RESEARCH INTERESTS

My research interest is **Generative AI**, with emphasis on **enhancing image quality toward user preferences** through techniques such as style transfer and image editing. In addition, I am interested in **multimodal generative AI**, enabling user-guided content manipulation through natural instructions.

SCHOLARSHIPS & AWARDS

Distinguished Honors Aug. 2025
Yonsei University
- Ranked in the top **1%** of the students with GPA over 4.00/4.30.

National Science and Engineering Undergraduate Scholarship Mar. 2024 – Present
Korea Student Aid Foundation
- 4-year scholarship awarded to top students with excellence in mathematics and science.

RESEARCH EXPERIENCE

CIPLAB, Yonsei University Aug. 2025 – Present
Undergraduate Intern (Advisor: Prof. Seon Joo Kim)
- Contributed to the development of a dataset for personal color preference research.

COMPETITIONS

The 2nd AI Drug Discovery Competition Aug. 2024
Convergence AI Institute for Drug Discovery
- Ranked **17th** among 900 teams – Top **2%**
- Developed and trained transformer-based models to predict IC50 values from tabular data with k-fold cross-validation and feature normalization.

The AI Competition for Extracting 4D Block Structures Jan. 2023
4D Land, AIFrenz
- Ranked **37th** among 461 teams – Top **9%**
- Trained CNN-based models to classify 4D block imaging data with augmentation and class-imbalance handling.

SKILLS

Programming Languages: C, C++, Java, Python (PyTorch)
Tools: Docker, Conda, Jupyter
Languages: English (Proficient), Korean (Native)

CERTIFICATES

Information Processing Craftsman Sep. 2025
Human Resources Development Service of Korea

TOEIC: 950/990 Jan. 2025
Educational Testing Service