

Mingu Kang

Curriculum Vitae

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EDUCATION

Bachelor of Science

February 2022 – Current

SungKyunKwan University, Seoul, South Korea
Applied Artificial Intelligence
Total GPA : 4.29 / Major GPA : 4.45

WORK EXPERIENCE

Undergraduate Research Program Internship

October 2024 – Current

- SungKyunKwan University, Seoul, South Korea
- AI & Media Lab LAB (Advisor: Sungeun Hong)
- Research about text-to-motion generation for video and 3D vision

Kaist AI Research Internship

August 2024 – October 2024

- Korea Advanced Institute of Science and Technology, Seoul, South Korea
- Intelligence Mobile Manipulation LAB (Advisor: Beomjoon Kim)
- Research about robot planning through 3d representation and large language model

Research Internship

December 2023 – July 2024

- SungKyunKwan University, Suwon, South Korea
- Computer System & Intelligence LAB (Advisor: Younsung Kim)
- Research about high intelligence robot policy and Diffusion Model

Publications

Towards Efficient Continual Learning: Strategies on Utilizing Knowledge Distillation Loss

- Euseog Jeong, Mingu Kang, MyeongSeop Kim, Eunil Park
- *Under review at The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2025*

DisCoRD: From Discrete Tokens to Continuous Motion via Rectified Flow Decoding

- Jungbin Cho, Junwan Kim, Jisoo Kim, Minseo Kim, Mingu Kang, Sungeun Hong, Tae-Hyun Oh, Youngjae Yu
- *Under review at The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2025*

ADDITIONAL INFORMATION

SW-Centered University Digital Competition: AI Sector

July 2024 – August 2024

- Participate in Dacon AI model competition open to university students from SW-centered universities.
- Development of AI model to detect fake voice of the generating AI. Top 0.4% (1 of 219).
- Minister of Science and ICT Award.

2024 National Institute of Korean Language Artificial Intelligence's Korean Language Proficiency Competition

July 2024 – August 2024

- Development of an AI model to distinguish the context of conversations in a Korean large language model. Top 5.
- National Institute of Korean Language Award

HD Hyundai AI Challenge

September 2023 – November 2023

- Preliminary round: Development of AI model to predict port vessel waiting time. Top 6% (18 of 330).

- Final round: Development of AI model to predict ship waiting time in port. Top 4 (4 of 11).

LG AIMERS 4th

January 2024 – March 2024

- LG Aimers is LG Group's youth education program that provides AI education and the opportunity to experience participating in AI hackathons that deal with LG actual data.
- Development of AI model to predict B2B Sales opportunity creation based on MQL Data. Top 7% (60 of 844).

AWARDS AND HONORS

AWARDS

- Minister of Science and ICT Award
- National Institute of Korean Language Award

HONORS

- Presidential Science Scholarship in Republic of Korea
- Academic Excellence Scholarship for 2023 first semesters
- Academic Excellence Scholarship for 2023 second semesters
- Artificial Intelligence Innovation and Convergence at Sungkyunkwan University Project Excellence Scholarship
- 2023 Fall Semester Sungkyunkwan university Dean's List