# Mingu Kang
**Curriculum Vitae**

109, Seobu-ro 2126beon-gil, Jangan-Gu, Suwon, Republic of Korea
Email : gms5560@g.skku.edu — Phone number : +82) 010-9543-5560

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## EDUCATION

**Bachelor of Science** <span style="float:right">February 2022 – Current</span>

SungKyunKwan University, Seoul, South Korea
Applied Artifical Intellignece
Total GPA : 4.29 / Major GPA : 4.45

## WORK EXPERIENCE

**Undergraduate Research Program Internship** <span style="float:right">October 2024 – Current</span>

- 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** <span style="float:right">August 2024 – October 2024</span>

- 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** <span style="float:right">December 2023 – July 2024</span>

- 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**

- Euiseog 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** <span style="float:right">July 2024 – August 2024</span>

- 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** <span style="float:right">July 2024 – August 2024</span>

- 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** <span style="float:right">September 2023 – November 2023</span>

- 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