

Mincheol Kang

B.S. Student

DGIST

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EDUCATION

Feb. 2021 ~ Present	Daegu Gyeongbuk Institute of Science and Technology School of Undergraduate Studies	Daegu, Korea
<i>Advisor: Daehee Park</i>		
<i>Bachelor Student</i> GPA: 4.0 / 4.3		

RESEARCH INTERESTS

- Prediction and Planning for Robot and Autonomous Vehicle / Model Quantization / AI-Safety

PUBLICATIONS

- Yeonsun Yang, Ahyeon Shin, Mincheol Kang, Jiheon Kang, Xu Wang, and Jean Song , "Easy Come, Easy Go? Exploring Perceptions and Effects of LLM-Based Search-as-Learning Across Students and Educators" (Submitted to CHI25 and CHI26)

RESEARCH/WORK EXPERIENCES

- Research Student at EECS @ DGIST, Intelligent Systems and Learning (ISL) Lab (Prof. Daehee Park), Korea (Jun. 2025 ~ Present) / Writing two CVPR26 papers as a main author
- Research Student at EECS @ DGIST, Privacy and Applied Cryptography (PAC) Lab. (Prof. Youngsik Kim), Korea (Feb. 2025 ~ Jun. 2025) / Learned foundational theories of cybersecurity
- Intern at Backend Team, Lablup Inc., Korea (Dec. 2024 ~ Feb. 2025) / Contributed to the Open Source Project named Backend.AI
- Research Student at EECS @ DGIST, Designing Intelligence Augmentation Group (DIAG) (Prof. Jean Song), Korea (Feb. 2024 ~ Sep. 2024) / Co-author of CHI25 paper

AWARDS AND HONORS

- IPESK 차세대 공학자 2기, 한국이공학진흥원, Korea (Sep. 2025)
- 2024 대통령과학장학금 3학년 공학 부문, 한국장학재단, Korea (Jul. 2024)

PROJECTS

- Code Refactoring: VFolder APIs in storage-proxy in Backend.AI, Lablup Inc., Korea / Modularizing volume and VFolder operations, applying Pydantic validation, improving API logging, and (Jan. 2025 ~ Feb. 2025)
- CoDeMP: Color Description Multimodal Pipeline, UGRP @ DGIST, Korea / Team-leader, Instance Segmentation, Code Integration (Feb. 2024 ~ Dec. 2024)