Chaewon Moon
Master Student

✉ chaewon.moon@kaist.ac.kr
🏠 https://chae1m.github.io/

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Sep. 2024 - Present
M.S. in Artificial Intelligence, advised by Prof. Chulhee Yun

Seoul National University (SNU) Mar. 2019 - Feb. 2024
B.S. in Industrial Engineering and Mathematical Sciences

Hansung Science High School Mar. 2016 - Feb. 2019
High School

PUBLICATION

[3] **Minor First, Major Last: A Depth-Induced Implicit Bias of Sharpness-Aware Minimization** [OpenReview]
Chaewon Moon, Dongkuk Si, Chulhee Yun
Manuscript, 2025

[2] **Deep Model-Based Optimization of Jamming Effectiveness under Aircraft AESA Radar Operational Environments** [Paper]
Hanseul Cho, Baekrok Shin, Chaewon Moon, Sang-Geun Hong, U-Ju Byeon, Jin-Yong Sung, Chulhee Yun
J-KICS

[1] **The Cost of Robustness: Tighter Bounds on Parameter Complexity for Robust Memorization in ReLU Nets** [arXiv] [Slides]
Yujun Kim*, Chaewon Moon*, Chulhee Yun
NeurIPS 2025
ICML 2025 Workshop on High-dimensional Learning Dynamics (HiLD)
***KAIA Outstanding Paper Award** at KAIA Summer Conference 2025 (CKAIA 2025)*

EXPERIENCE

Optimization & Machine Learning Laboratory, KAIST AI Oct. 2023 - Aug. 2024
Research Intern, advised by Prof. Chulhee Yun

GERAD, Polytechnique Montreal Feb. 2022 - Jul. 2022
Research Intern, advised by Prof. Brunilde Sansò

Big Data AI Center, Seoul National University Jun. 2021 - Aug. 2021
Research Intern, advised by Prof. Sungzoon Cho

Korea Foundation for the Advancement of Science and Creativity Dec. 2016 - Feb. 2017
Student Researcher, advised by Prof. Kangjin Han

AWARDS AND SCHOLARSHIPS

Outstanding Paper Award, CKAIA 2025 Aug. 2025
Cum Laude, Bachelor's, Seoul National University Feb. 2024
Lee Junghan Scholarship, Seoul National University Dec. 2021
Excellence Prize, 2021 Data Creator Camp, National Information Society Agency Jul. 2018
Dean's List, Seoul National University Aug. 2019
Grand Prize, Data Mining Camp, Seoul National University Jul. 2018
Science Scholarship, Korea Institute of Geoscience and Mineral Resources Jun. 2017

TEACHING EXPERIENCE

Teaching Assistant, Optimization for Artificial Intelligence(AI505), KAIST Sep. 2025 - Dec. 2025
Educational Volunteer, ICT Education for the University of Ghana, World Friends Korea Jul. 2021 - Sep. 2021
Academic Tutor, Calculus, Seoul National University Mar. 2021 - Jun. 2021
Teaching Assistant, Industrial Engineering Camp, Seoul National University Dec. 2019 - Jan. 2020
Educational Volunteer, Engineering Experiment Education, Seoul National University Jul. 2019 - Auc. 2019

RESEARCH INTEREST

My research interests lie in deep learning theory and optimization, bridging the gap between theory and practice.