

Chaewon Moon

M.S. Student

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🏡 <https://chae1m.github.io/>

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) M.S. in Artificial Intelligence, advised by Prof. Chulhee Yun	Sep. 2024 - Present
Seoul National University (SNU) B.S. in Industrial Engineering and Mathematical Sciences	Mar. 2019 - Feb. 2024
Hansung Science High School High School	Mar. 2016 - Feb. 2019

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 Research Intern, advised by Prof. Chulhee Yun	Oct. 2023 - Aug. 2024
GERAD, Polytechnique Montreal Research Intern, advised by Prof. Brunilde Sansò	Feb. 2022 - Jul. 2022
Big Data AI Center, Seoul National University Research Intern, advised by Prof. Sungjoon Cho	Jun. 2021 - Aug. 2021
Korea Foundation for the Advancement of Science and Creativity Student Researcher, advised by Prof. Kangjin Han	Dec. 2016 - Feb. 2017

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.