

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. Sungzoon 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 - Aug. 2019

RESEARCH INTEREST

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