

Hanseul Cho (조한슬)

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Email: jhs4015@kaist.ac.kr GitHub: [HanseulJo](https://github.com/HanseulJo) Blog: hanseuljo.github.io

Research interests I am studying various topics of machine/deep learning theory with interest. Recently, I focus on convergence analysis of optimization algorithms for machine learning.

Education

Korea Advanced Institute of Science and Technology (KAIST) Seoul, Korea
M.Sc. in Artificial Intelligence Mar. 2022 – Present.
Advisor: Prof. [Chulhee Yun](#) (Optimization & Machine Learning Lab, KAIST AI)

KAIST Daejeon, Korea
B.S. in Mathematical Sciences Mar. 2017 – Feb. 2022
Minor in Computer Sciences

University of Twente Enschede, Netherlands
Exchange Student Feb. 2020 – Jul. 2020
Major in Applied Mathematics

Incheon Science High School Incheon, Korea
Early Graduated Mar. 2015 – Feb. 2017

Experiences

KAIST, Daejeon, Korea May 2021 – Dec. 2021
Research Participant (host: Prof. Sangyoon Yi & Prof. Jinkyoo Park)
Project: *KAIST 2021 Post-AI Research Project* (Research on ‘AI-augmented Organizations’ of Collaborative Decision Making and Learning)

KAIST, Daejeon, Korea Mar. 2021 – Jun. 2021
Individual Study (host: Prof. Jinwoo Shin)
Studied about gradient-based optimizers(e.g. LARS, LAMB) for large-batch setting;
Studied about theoretical analysis on Gradient Clipping

KAIST, Daejeon, Korea Sep. 2020 – Feb. 2021
Individual Study (host: Prof. Jong-chul Ye)
Assignment: Semantic Segmentation of Kidney Tumor with U-Net (with KiTS19 Challenge Dataset)

Awards

Summa Cum Laude (B.S.) KAIST 2022

The National Scholarship for Science and Engineering 2017 – 2020
from Korea Student Aid Foundation

Dean’s List (The School of Freshman, KAIST) Fall, 2017

Skills

Programming
Familiar: Python, Pytorch, Jupyter, Matlab, \LaTeX
Novice: C, C++, R, Scalar

Language
Korean: Native
English: TOEIC score 925 (LC 460, RC 465) (2021.04.11)