

Hanseul Cho

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Research interests Deep Learning Theory, Optimization/Generalization in Deep Learning

Education **Korea Advanced Institute of Science and Technology (KAIST)** Seoul, Korea
M.S. in Artificial Intelligence Mar. 2022 – Present.
KAIST Daejeon, Korea
B.S. in Mathematical Sciences Mar. 2017 – Feb. 2022
Minor in Computer Sciences
Summa Cum Laude
University of Twente Enschede, Netherlands
Exchange Student Feb. 2020 – Jul. 2020
Major in Applied Mathematics

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)