

JINUK KIM

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EDUCATION

Seoul National University(SNU), Seoul, Republic of Korea

- M.S. & Ph.D. in Computer Science and Engineering Mar 2023 - Present
- B.S. in Statistics, Minor in Computer Science and Engineering Mar 2017 - Feb 2023

HONORS AND AWARDS

- Presidential Science Scholarship for Graduate Students**, Korea Student Aid Foundation 2024
- Presidential Science Scholarship**, Korea Student Aid Foundation 2017 - 2023
- Han Sung Nobel Scholarship**, Han Sung Son Jae Han Scholarship Foundation 2015 - 2017

PUBLICATIONS

- [C3] **LayerMerge: Neural Network Depth Compression through Layer Pruning and Merging** *ICML 2024*
Jinuk Kim, Marwa El Halabi, Mingi Ji, Hyun Oh Song
- [C2] **Efficient Latency-Aware CNN Depth Compression via Two-Stage Dynamic Programming** *ICML 2023*
Jinuk Kim*, Yeonwoo Jeong*, Deokjae Lee, Hyun Oh Song
- [C1] **Dataset Condensation via Efficient Synthetic-Data Parameterization** *ICML 2022*
Jang-Hyun Kim, Jinuk Kim, Seong Joon Oh, Sangdoo Yun, Hwanjun Song, Joonhyun Jeong, Jung-Woo Ha, Hyun Oh Song

EXPERIENCE

- Samsung Advanced Institute of Technology (SAIT)** July 2023 - Aug 2023
Research Intern
 - Worked on accelerating neural network that models photolithography process with semiconductor data.
- NCSoft NLP Center (Language AI Lab)** July 2021 - Nov 2021
Research Intern
 - Worked on constructing Korean Dialogue Natural Language Inference (KorDNLI) dataset which measured consistency of chit-chat model by analogy with NLI task.
- NCSoft AI Center (Vision AI Lab)** Jan 2021 - Feb 2021
Research Intern
 - Developed Android Application which replaces background from image, video and real time camera input.
 - Served PyTorch semantic segmentation model using PyTorch Mobile.

PROJECTS

- SNU Board** Feb 2021 - Jan 2022
Project Owner / Android Developer
 - Android/iOS service which collects notices from website of SNU departments and gather them
 - Designed concept and workflow of a service and led team based on Agile methodology
 - Android version (Aug 2021) / 100+ MAU / 80+ WAU / 1000+ Downloads

REFERENCES

Prof. Hyon Oh Song	Seoul National University, PhD advisor, hyunoh@snu.ac.kr
Dr. Marwa El Halabi	SAIT AI Lab, Montreal, co-author and collaborator, marwa.elhalabi@gmail.com
Dr. Mingi Ji	Google, co-author and collaborator, mingiji@google.com