

Hongsun Jang

Accelerated Computing Systems Lab

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EDUCATION

- **Seoul National University** Seoul, Korea (Republic of)
Integrated M.S./ Ph.D. in Electrical & Computer Engineering; GPA: @/4.3 *March 2023 - Present*
- **Yonsei University** Seoul, Korea (Republic of)
B.S. in Computer Science; GPA: 3.69/4.3 *Mar 2017 - Aug 2022*
Courses: Multi-core and GPU Programming, Computer Architecture, Operating System, Machine Learning, Computer Network

RESEARCH INTEREST

Distributed Deep Learning, Neural Architecture Search, Graph Neural Network

PUBLICATIONS

Hongsun Jang, Jaewon Jung, Jaeyong Song, Joonsang Yu, Youngsok Kim, and Jinho Lee, "Pipe-BD: Pipelined Parallel Blockwise Distillation", DATE(accepted) 2023

Jaeyong Song¹, Jinkyu Yim¹, Jaewon Jung, **Hongsun Jang**, Hyung-jin Kim, Youngsok Kim, and Jinho Lee, "Optimus-CC: Efficient Large NLP Model Training with 3D Parallelism Aware Communication Compression", ASPLOS(accepted) 2023

EXPERIENCE

- **Samsung Electronics, Memory Solutions Team**
Engineering Internship (manager: Gitae Na) *May 2021 - Jun 2021*
- **Eugene Investment & Futures, Information Technology Team**
Field Practice Intern (manager: Manwoo Jang, Eunchang Choi) *Jan 2021 - Feb 2021*

HONORS AND AWARDS

- Academic Excellence Award, 2022
- Second Prize at Software Capture Design, 2022
- Second Prize at Software Capture Design, 2022