

Ryubu Hosoki

Ph.D. student

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Address Tokyo, Japan

Research Distributed Deep Learning, Model Parallelism, Pipeline

Interests Parallelism, Tensor Parallelism, 3D Hybrid Parallelism,
Auto-partitioning of DNN Model



Education

2023.4 - **Ph.D. Mathematical and Computing Science, Tokyo Institute of Technology, Tokyo, Japan.**

2021.4 - 2023.3 **Master of Science, Tokyo Institute of Technology, Tokyo, Japan.**
GPA: 3.43/4.50

2017.4 - 2021.3 **Bachelor of Science, Tokyo Institute of Technology, Tokyo, Japan.**
GPA: 2.88/4.50

Employment History

2023.06 - 2023.08 The French Alternative Energies and Atomic Energy Commission (CEA), Saclay, Research Internship.

2023.04 - Tokyo Institute of Technology, Global Scientific Information and Computing Center, Research Assistant.

2023.04 - Institute of Physical and Chemical Research (RIKEN), Kobe, Junior Research Associate (declined).

2021.07 - 2023.03 National Institute of Advanced Industrial Science and Technology (AIST), Tokyo, Research Assistant (Paid).

Scholarships

2023.04 - Cross the border! Tokyo Tech Pioneering Doctoral Research Project, Covering living expenses.

2023.04 - Tokyo Tech Tsubame Scholarship for Doctoral Students, Covering living expenses (declined).

Publications

Domestic Workshop (Unrefereed)

1. IPSJ SIG Technical Report, 2021-HPC-180, No.9, online, July 2021. (First author)
2. IPSJ SIG Technical Report, 2022-HPC-185, No.16, Shimonoseki, July 2022. (First author)

Skills

Languages	Japanese (native), English (intermediate)
Coding	L ^A T _E X, C/C++, Python, Scala, Ruby, Linux