

# Chen Hongyu

chenhongyu2000@nudt.edu.cn • 171830638@smail.nju.edu.cn • (+86) 156-9529-5531

Citizenship: China

## Research interests

System for Machine Learning, i.e., MLSys

## Education

- 2021 – Present     **National University of Defence Technology** – Changsha, Hunan  
Master degree in Computer Science and Technology  
Mentors: Professors Dongsheng Li.
- 2017 – 2021     **Nanjing University** – Nanjing, Jiangsu  
Bachelor Degree in Space Science and Technology *GPA: 3.1/4.0.*

## Honors and scholarships

- 2020     The Renmin Scholarship (Nanjing University)
- 2019     1st Prize (The 11st National Student Mathematics Competition)
- 2019     3rd Prize (The 22nd Forum of Sciences and Arts at Nanjing University)
- 2016     2nd Prize Provincial, Chinese Math Olympiad

## Publications

- 2023     **Auto-Divide GNN: Accelerating GNN Training with Subgraph Division**  
**Hongyu Chen**, Zhejiang Ran, Keshi Ge, Zhiquan Lai, Jingfei Jiang, Dongsheng Li.  
*The 29th International European Conference on Parallel and Distributed Computing.*

## Experience

- 2023 Jul–Oct     **Research intern in Advanced Computing & Storage Lab of Huawei.inc**  
Responsible for building some modules of Huawei.inc’s graph neural network framework HyG, including caching and communication.
- 2022 Autumn     **Teaching Assistant in Class: Data Structures and Algorithms (National University of Defence Technology)**  
Responsible for answering questions and preparing examination.