

# Yihao ZHAO

Ph.D. Student, Peking University

📄 [Yihao Zhao's Homepage](#)    ✉ [zhaoyh98@pku.edu.cn](mailto:zhaoyh98@pku.edu.cn)

## Education

---

### Peking University (PKU)

Ph.D., School of Computer Science

Advisor: Xuanzhe Liu

Co-advisor: Xin Jin

Beijing, China

Sept. 2021 – Present

### Peking University (PKU)

B.E. in Computer Science, Turing Class

Overall GPA: 3.78/4.0 (top 7%)

Beijing, China

Sept. 2017- Jul. 2021

## Research & Publications

---

### Conference Papers

#### [1] Klotski: Efficient and Safe Network Migration for Large Production Datacenters

Yihao Zhao\*, Xiaoxiang Zhang\*, Hang Zhu, Ying Zhang, Zhaodong Wang, Yuandong Tian, Alex Nikulkov, Joao Ferreira, Xuanzhe Liu, Xin Jin

ACM SIGCOMM 2023

#### [2] ElasticFlow: An Elastic Serverless Training Platform for Distributed Deep Learning

Diandian Gu\*, Yihao Zhao\*, Yinmin Zhong, Yifan Xiong, Zhenhua Han, Peng Cheng, Fan Yang, Gang Huang, Xin Jin, Xuanzhe Liu

ACM ASPLOS 2023

#### [3] Multi-Resource Interleaving for Deep Learning Training

Yihao Zhao, Yuanqiang Liu, Yanghua Peng, Yibo Zhu, Xuanzhe Liu, Xin Jin

ACM SIGCOMM 2022

#### [4] Unpaired Image-to-Image Translation using Adversarial Consistency Loss

Yihao Zhao, Ruihai Wu, Hao Dong

ECCV 2020

## Working Experience

---

ByteDance, research intern

Jan. 2021 - Present

Advisor: Xin Liu, Yanghua Peng, Yibo Zhu

## Teaching Experience

---

### Teaching Assistant

Distributed Machine Learning

Fall 2022

Introduction to Computing (A)

Fall 2021

Introduction to Computer Systems

Fall 2019

## Awards and Honors

---

Presidential Scholarship, PKU

Jun. 2023

Jiukun Prize, PKU

Oct. 2022

Third Prize, Peking University Award, PKU

Oct. 2020

Merit Student Award, PKU

Oct. 2020

First Prize, Turing Benjing Award, PKU

Oct. 2019

Benz Scholarship (Only 2 for Grade 2017, EECS), PKU

Oct. 2018

Merit Student Award, PKU

Oct. 2018

## Services

---

### Invited Reviewer

IEEE TSC, IEEE/ACM TON

### Sub-Reviewer

SIGIR 2023, ICDCS 2023, ICWS 2023, APNET 2023

## Skills

---

➤ Programming Languages: Python, C++

- Deep Learning Frameworks: PyTorch, TensorFlow
- Software & OS: LaTeX, MS Office, Linux