

Yiqun DIAO

E-mail: yiqun@comp.nus.edu.sg

EDUCATION

National University of Singapore (NUS), Singapore

08/2021 to present

- PhD candidate in Computer Science, advised by Prof. Bingsheng HE

Shanghai Jiao Tong University (SJTU), China

09/2017 to 06/2021

- Bachelor in Computer Science and Technology Major GPA: **93.53/100 (4.08/4.3)** Ranking: **1/149**
- Selected in Zhiyuan **Honors** Program of Engineering (Top 5%)

The University of Texas at Austin (UT Austin), USA

08/2019 to 12/2019

- Exchange student in Computer Science GPA: **4.0/4.0**

RESEARCH INTEREST

Federated learning, open-set learning, data stream

PUBLICATIONS

[1] **Yiqun Diao**, Yutong Yang, Qinbin Li, Bingsheng He, and Mian Lu. [OEBench: Investigating Open Environment Challenges in Real-World Relational Data Streams](#). 50th International Conference on Very Large Databases (VLDB), 2024.

[2] **Yiqun Diao**, Qinbin Li, and Bingsheng He. [Exploiting Label Skews in Federated Learning with Model Concatenation](#). The 38th Annual AAAI Conference on Artificial Intelligence (AAAI), 2024.

[3] **Yiqun Diao**, Qinbin Li, and Bingsheng He. [Towards Addressing Label Skews in One-Shot Federated Learning](#). In The Eleventh International Conference on Learning Representations (ICLR), 2023.

[4] Qinbin Li*, **Yiqun Diao***, Quan Chen, and Bingsheng He. [Federated learning on non-iid data silos: An experimental study](#). IEEE International Conference on Data Engineering (ICDE), 2022. (* denotes equal contributions. [Google scholar](#): **660+ citations**; Github [NIID-Bench](#): **500+ stars**)

[5] Lixin Yang, Jiasen Li, Wenqiang Xu, **Yiqun Diao**, and Cewu Lu. [Bihand: Recovering hand mesh with multi-stage bisected hourglass networks](#). British Machine Vision Conference (BMVC), 2020.

TEACHING EXPERIENCES

Teaching Assistant for

- Big Data System for Data Science (NUS, Spring 2022)
- Linear Algebra (SJTU, Fall 2020)
- Computational, Mathematical & Statistical Foundations of Machine Learning (SJTU, Summer 2020)

HONORS & AWARDS

- SJTU Outstanding Graduate 2021
- SJTU Merit Scholarship Class A (Top 1%) 2018
- National Scholarship, Ministry of Education of P.R.China (Top 2%) 2018

INDUSTRY EXPERIENCES

- Internship at Microsoft 02/2021 to 07/2021
- Internship at 4Paradigm 12/2022 to 05/2023

SERVICES

- Reviewer in CVPR 2024
- External reviewer in ICDE 2024