

# Yiqun DIAO

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## 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](#): **600+ 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

- NUS Research Achievement Award 2023
- NUS President Graduate Fellowship 2021
- 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

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- Reviewer in CVPR 2024
- External reviewer in ICDE 2024