Yiming Sun

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EDUCATION

PhD student | *Computer Engineering*   2022–present
University of Pittsburgh   Pittsburgh, US

Bachelor of Science | *Computer Science and Technology*   2018–2022
University of Science and Technology of China   Hefei, China

SELECTED PUBLICATIONS

Yiming Sun, Shuo Chen, Shengyu Chen, Chonghao Qiu, Licheng Liu, Youmi Oh, Sparkle L Malone, Gavin McNicol, Qianlai Zhuang, Chris Smith, Yiqun Xie, Xiaowei Jia. X-MethaneWet: A Cross-scale Global Wetland Methane Emission Benchmark Dataset for Advancing Science Discovery with AI, *ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD) Datasets & Benchmarks Track*, 2026.

Yiming Sun, Runlong Yu, Runxue Bao, Yiqun Xie, Ye Ye, and Xiaowei Jia. Domain-Adaptive Continual Meta-Learning for Modeling Dynamical Systems: An Application in Environmental Ecosystems, *SIAM International Conference on Data Mining (SDM)*, 2025.

Yiming Sun, Xumeng Wen, Shun Zheng, Xiaowei Jia, and Jiang Bian. Scaling Generative Tabular Learning for Large Language Models, *Table Representation Learning Workshop at the Conference on Neural Information Processing Systems (NeurIPS)*, 2024.

Yiming Sun, Yuhe Gao, Runxue Bao, Gregory F Cooper, Jessi Espino, Harry Hochheiser, Marian G Michaels, John M Aronis, and Ye Ye. Online Transfer Learning for RSV Case Detection, *IEEE International Conference on Healthcare Informatics (ICHI)* **(Best Paper Award)**, 2024.

Runxue Bao*, **Yiming Sun***, Yuhe Gao, Jindong Wang, Qiang Yang, Zhi-Hong Mao, and Ye Ye. A Survey of Heterogeneous Transfer Learning, *preprint*, 2023.

Yiming Sun*, Zixing Song*, Irwin King. Score-based Graph Generative Model for Neutrino Events Classification and Reconstruction, *Machine Learning and the Physical Sciences Workshop at the Conference on Neural Information Processing Systems (NeurIPS)*, 2021.

HONORS AND AWARDS

Student Travel Award   2025
SIAM International Conference on Data Mining

Stars of Tomorrow Internship Award   2025
Microsoft Research Asia

Best Paper Award   2024
IEEE International Conference on Health Informatics

Outstanding Graduate Award   2022
University of Science and Technology of China

Excellent Student Scholarship Gold Award   2019-2021
University of Science and Technology of China

WORK EXPERIENCE

Research Intern   Summer 2025
NEC Labs America

Research Intern   Summer 2024
Microsoft Research Asia

Research Intern Summer 2021

The Chinese University of Hong Kong

TEACHING EXPERIENCE

Guest Lecturer Spring 2025

CS2756 Principles of Data Mining, University of Pittsburgh

Guest Lecturer Fall 2024

ECE 2556 Neuro-Signal Modeling & Analysis, University of Pittsburgh

Teaching Assistant Fall 2021

Foundation of Algorithms, University of Science and Technology of China