

Yiming Sun

Curriculum Vitae

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Education

- 2022–present **PhD student, Computer Engineering**, *University of Pittsburgh*, US.
Advisor: Dr. Xiaowei Jia
- 2018–2022 **Bachelor of Science, Computer Science and Technology**, *University of Science and Technology of China*, China.

Publications

- 2026 **Yiming Sun**, Shuo Chen, Shengyu Chen, Chonghao Qiu, Licheng Liu, Youmi Oh, Sparkle L Malone, Gavin McNicol, Qianlai Zhuang, Chris Smith, Yiqun Xie, and Xiaowei Jia. X-MethaneWet: A Cross-scale Global Wetland Methane Emission Benchmark Dataset for Advancing Science Discovery with AI. *KDD 2026 Datasets & Benchmarks Track*, 2026.
- 2025 **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.
- 2024 **Yiming Sun**, Xumeng Wen, Shun Zheng, Xiaowei Jia, and Jiang Bian. Scaling Generative Tabular Learning for Large Language Models. *NeurIPS 2024 Third Table Representation Learning Workshop*, 2024.
- 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. *The 12th IEEE International Conference on Healthcare Informatics (Best Paper Award)*, 2024.
- 2023 Runxue Bao*, **Yiming Sun***, Yuhe Gao, Jindong Wang, Qiang Yang, Zhi-Hong Mao, and Ye Ye. A Survey of Heterogeneous Transfer Learning. In *arXiv preprint arXiv:2310.08459*, 2023.
- 2021 **Yiming Sun***, Zixing Song*, and Irwin King. Score-based Graph Generative Model for Neutrino Events Classification and Reconstruction. In *Machine Learning and the Physical Sciences Workshop at the 37th conference on Neural Information Processing Systems (NeurIPS)*, 2021.

Awards

- 2025 Student Travel Award, SIAM International Conference on Data Mining (SDM).
- 2025 **Stars of Tomorrow Internship Award**, Microsoft Research Asia (MSRA).
- 2024 **Best Paper Award**, International Conference on Health Informatics (ICHI).
- 2022 Outstanding Graduate Award, University of Science and Technology of China (USTC).
- 2019–2021 Excellent Student Scholarship Gold Award, University of Science and Technology of China (USTC).

Work Experience

- Summer 2025 **Research Intern**, NEC Labs America.
- Spring 2025 **Guest Lecturer**, CS2756 *Principles of Data Mining*, University of Pittsburgh.

Fall 2024 **Guest Lecturer**, *ECE 2556 NEURO-SIGNAL MODELING & ANALYSIS*, University of Pittsburgh.
Summer 2024 **Research Intern**, Microsoft Research Asia.
2022–present **Graduate Student Researcher**, University of Pittsburgh.
Fall 2021 **Teaching Assistant**, *Foundation of Algorithms*, University of Science and Technology of China.
Summer 2021 **Research Intern**, The Chinese University of Hong Kong.