# Xingjian Wu （吴行健）

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## 🎓 Education

**East China Normal University (ECNU)**, Shanghai, China              Aug. 2023 – Present

*Master student* in School of Data Science and Engineering, advised by Prof. Bin Yang

**Shanghai University (SHU)**, Shanghai, China                          Aug. 2019 –July 2023

*B.S.* in Computer Science.

**High School Affiliated to Fudan University**, Shanghai, China        Aug. 2016 – July. 2019

## 📈 Research Interests

My research interests cover **Time Series Analysis** and **Spatio-Temporal Data Management**. I am currently working on generative probabilistic models and foundation time series models. In addition to pure research, I also dedicate myself to promoting research on valuable real-world applications. My research aims to contribute to the advancement of intelligent systems capable of handling massive and complicated temporal data across domains, including finance, industry, and environment.

## 📄 Selected Publications and Preprints

- *DUET: Dual Clustering Enhanced Multivariate Time Series Forecasting*              **SIGKDD 2025**

  Xiangfei Qiu, **Xingjian Wu**, Yan Lin, Chenjuan Guo, Jilin Hu#, Bin Yang

- *EasyTime: Time Series Forecasting Made Easy*                                      **ICDE 2025**

  Xiangfei Qiu*, Xiuwen Li*, Ruiyang Pang*, Zhicheng Pan*, **Xingjian Wu***, Liu Yang*, Jilin Hu, Yang Shu, Xuesong Lu, Chengcheng Yang, Chenjuan Guo, Aoying Zhou, Christian S. Jensen, Bin Yang

- *CATCH: Channel-Aware Multivariate Time Series Anomaly Detection via Frequency*    **ICLR 2025**

  *Patching*

  **Xingjian Wu**, Xiangfei Qiu, Zhengyu Li, Yihang Wang, Jilin Hu, Chenjuan Guo, Hui Xiong, Bin Yang#

- *TFB: Towards Comprehensive and Fair Benchmarking of Time Series Forecasting Methods*    **VLDB 2024**

  Xiangfei Qiu, Jilin Hu#, Lekui Zhou, **Xingjian Wu**, Junyang Du, Buang Zhang, Chenjuan Guo, Aoying Zhou, Christian S. Jensen, Zhenli Sheng, Bin Yang                          (Best Research Paper Award Nomination)

- *FACTS: Fully Automated Correlated Time Series Forecasting in Minutes*              **PVLDB 2025**

  Xinle Wu, **Xingjian Wu**, Dalin Zhang, Miao Zhang, Chenjuan Guo, Bin Yang#, Christian S Jensen

- *AutoCTS++: zero-shot joint neural architecture and hyperparameter search for correlated time series forecasting*  **VLDBJ 2024**

  Xinle Wu\*, **Xingjian Wu\***, Bin Yang#, Lekui Zhou, Chenjuan Guo, Xiangfei Qiu, Jilin Hu, Zhenli Sheng
  Christian S. Jensen

- *A Comprehensive Survey of Deep Learning for Multivariate Time Series Forecasting:*  **arXiv 2025**
  *A Channel Strategy Perspective*

  Xiangfei Qiu, Hanyin Cheng, **Xingjian Wu**, Jilin Hu, Chenjuan Guo

## ✿ Applications and Projects

- *TFB: Time Series Forecasting Benchmark*  **Maintainer**
- *AutoCTS Series: AutoML for time series analytics*  **Maintainer**
- *EasyTime: Time Series Forecasting Made Easy*  **Maintainer**

## ☗ Services and Experiences

Conference PC member:

- International Joint Conference on Artificial Intelligence (IJCAI), (Main & Survey Track) 2025.
- International Conference on Learning Representations (ICLR) 2025.

## ♡ Selected Awards

- *National Scholarship*  **2024**
- *VLDB Best Research Paper Award Nomination*  **2024**
- *Outstanding Graduate of Shanghai University*  **2023**
- *Ministry of Education-Huawei, Future Star Scholarship*  **2023**
- *ASC STUDENT SUPERCOMPUTER CHALLENGE (International Second Prize)*  **2022**