

BIN LU

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EDUCATION

Shanghai Jiao Tong University, PhD candidate in Information Engineering 2020 - 2025 (Expected)

- Advisor: Prof. [Xiaoying Gan](#), Prof [Xinbing Wang](#)
- Member of [IIoT Research Center](#), Dept. of Electronic Engineering, SJTU.
- Member of [Wen-Tsun Wu AI honorary doctoral class](#), AI institute of SJTU.
- Research Interest: Graph Neural Network, Spatio-temporal Data Mining, Urban Computing, Knowledge Graph

Shanghai Jiao Tong University, Bachelor of Information Engineering (with honors) 2016 - 2020

PUBLICATIONS

- [1] **Bin Lu**, Lynwen Wu, Lina Yang, Chenxing Sun, Wei Liu, Xiaoying Gan, Shiyu Liang, Xinbing Wang, Chenghu Zhou, “[DataExpo: A One-stop Dataset Service for Open Science Research](#)”, The Web Conference (**WWW**, Demo Track), 2023.
- [2] **Bin Lu**, Xiaoying Gan, Lina Yang, Weinan Zhang, Luoyi Fu, Xinbing Wang, “[Geometer: Graph Few-Shot Class-Incremental Learning via Prototype Representation](#)”, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2022.
- [3] **Bin Lu**, Xiaoying Gan, Weinan Zhang, Huaxiu Yao, Luoyi Fu, Xinbing Wang, “[Spatio-Temporal Graph Few-Shot Learning with Cross-City Knowledge Transfer](#)”, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**), 2022.
- [4] **Bin Lu**, Xiaoying Gan, Haiming Jin, Luoyi Fu, Xinbing Wang, Haisong Zhang, “[Make More Connections: Urban Traffic Flow Forecasting with Spatiotemporal Adaptive Gated Graph Convolution Network](#)”, ACM Transactions on Intelligent Systems and Technology (**ACM TIST**), 2022.
- [5] **Bin Lu**, Xiaoying Gan, Haiming Jin, Luoyi Fu, Haisong Zhang, “[Spatiotemporal Adaptive Gated Graph Convolution Network for Urban Traffic Flow Forecasting](#)”, ACM International Conference on Information and Knowledge Management (**CIKM**), 2020.

PROJECTS

DataExpo – Deep-time Digital Earth (DDE) Program. [The Deep-time Digital Earth \(DDE\) Program](#) is the first “big science program” initiated by the International Union of Geological Sciences (IUGS) that will provide new opportunities and directions for the development of Earth Sciences. [DataExpo](#) (<https://dataexpo.deep-time.org/>) is one of the component of DDE Program, aiming to discover and integrate global geoscience data. At present, DataExpo has obtained more than 960,000 datasets from more than 27,000 repositories.

AWARDS

- Wen-Tsun Wu AI Honorary Doctoral Scholarship, AI Institute of SJTU. 2022
- National Scholarship, The Ministry of Education of China. 2022
- National Scholarship, The Ministry of Education of China. 2021
- Outstanding Teaching Assistant Award, Center for Teaching and Learning Development of SJTU. 2021
- Shanghai Honor Graduates, SJTU. 2020
- ACM SIGIR Student Travel Grant for CIKM, ACM SIGIR. 2020
- Excellent Intern, Intel Asia-Pacific Research & Development Ltd., 2019

ACADEMIC SERVICE

Reviewer

- IEEE Transactions on Network Science and Engineering
- China Communications

Teaching Assistant

- EE234 Communication Theory (2020, 2021, 2022), Prof. Wei Liu
- ES342 RF Microelectronics (2021, 2022, 2023), Prof. Xiaoying Gan
- ICE2604 Introduction to Engineering for Electronic Information (2022), Prof. Xinbing Wang