

HONGJUN WANG

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EDUCATION

The University of Tokyo , Tokyo, Japan	10/2023 – present
PhD in Information Science and Technology (IST), Supervisor Yinqiang Zheng	
Southern University of Science and Technology , Shenzhen, China	09/2020 – 06/2023
Master in Computer Science, Supervisor Xuan Song	
Nanjing University of Posts and Telecommunications , Nanjing, China	09/2015 – 07/2019
B.S. in Information and Computing Science, Supervisor Tingting Wu	

EXPERIENCE

Microsoft Research Asia	Beijing, China
Research Intern in Data, Knowledge, and Intelligence, Supervisor Lun Du	07/2022 – 02/2023
The Chinese University of Hong Kong	Hong Kong, China
Research Assistant in Mathematical Artificial Intelligence, Supervisor Tiejong Zeng	06/2023 – 09/2023
Shanghai Artificial Intelligence Laboratory	Shanghai, China
Research Intern in AI for Science, Supervisor Su Mao	10/2024 – present

PUBLICATIONS

- **Hongjun Wang***, Jiyuan Chen*, Tiejong Zeng, Yinqiang Zheng, *Navigating Beyond Dropout: An Intriguing Solution Towards Generalizable Image Super Resolution*, in **CVPR'2024** [PDF]
- **Hongjun Wang***, Jiyuan Chen*, Tong Pan, Zipei Fan, Boyuan Zhang, Renhe Jiang, Xuan Song, *Easy Begun is Half Done: Spatial-Temporal Graph Modeling with ST-Curriculum Dropout*, in **AAAI'23**, [PDF]
- **Hongjun Wang**, Zipei Fan, Jiyuan Chen, Lingyu Zhang, Xuan Song, *Discovering Key Sub-trajectories To Explain the Traffic Prediction*, in **Sensors'2022**, [PDF]
- **Hongjun Wang***, Jiyuan Chen*, Lun Du, Qiang Fu, Xuan Song, *Causal-Based Supervision of Attention in Graph Neural Network: A Better and Simpler Choice towards Powerful Attention*, in **IJCAI'2023** [PDF]
- **Hongjun Wang***, Zhiwen Zhang*, Zipei Fan, Jiyuan Chen, Xuan Song, Ryosuke Shibasaki, *Multi task Weakly Supervised Learning for Origin–Destination Travel Time Estimation*, in **TKDE'2022**, [PDF]
- **Hongjun Wang***, Jiyuan Chen*, Zipei Fan, Zhiwen Zhang, Zekun Cai, Xuan Song, *ST-ExpertNet: A Deep Expert Framework for Traffic Prediction*, in **TKDE'2022**, [PDF]
- Zhiwen Zhang*, **Hongjun Wang***, Zipei Fan, Ryosuke Shibasaki, Xuan Song, *Assessing the Continuous Causal Responses of Typhoon-related Weather on Human Mobility: An Empirical Study in Japan*, in **CIKM'2023** [PDF]
- Zhiwen Zhang*, **Hongjun Wang***, Zipei Fan, Jiyuan Chen, Xuan Song, Ryosuke Shibasaki, *GOF-TTE: Generative Online Federated Learning Framework for Travel Time Estimation*, in **IOT-J'22**, [PDF]
- Zhiwen Zhang*, **Hongjun Wang***, Zipei Fan, Jiyuan Chen, Xuan Song, Ryosaki Shibasaki, *Route to Time and Time to Route: Travel Time Estimation from Sparse Trajectories*, in **PKDD'22**, [PDF]
- Zezheng Feng, Yifan Jiang, **Hongjun Wang**, Zipei Fan, Yuxin Ma, Shuang-Hua Yang, Huamin Qu, and Xuan Song, *TrafPS: A Shapley-based Visual Analytics Approach to Interpret Traffic*, in **CVMJ'2023**, [PDF]
- Zhiwen Zhang, **Hongjun Wang**, Zipei Fan, Xuan Song, and Ryosuke Shibasaki, *Missing Road Condition Imputation Using a Multi view Heterogeneous Graph Network from GPS Trajectory*, in **TITS'2022**, [PDF]
- Lingyu Zhang, Xu Geng, Zhiwei Qin, **Hongjun Wang**, Xuan Song, Yunhai Wang, *Multi-modal graph interaction for multi-graph convolution network in urban spatiotemporal forecasting*, in **Sustainability'2022**, [PDF]

COMMUNITY SERVICES

- Program Committee Member for ECML/PKDD 2021, 2022
- Reviewer for IEEE Transactions on Knowledge and Data Engineering (TKDE)
- Program Committee Member for ICLR/NeurIPS 2021, 2022