YIWEI WANG

National University of Singapore, Singapore
Mobile: +65 83359170 ⋄ Email: e0409763@u.nus.edu

EDUCATION

Doctor of Philosophy in Computer Science Jul. 2019 - Now
National University of Singapore

Master of Philosophy in Electronic and Computer Engineering Aug. 2017 - Jun. 2019
Hong Kong University of Science and Technology

Bachelor of Science in Information Engineering Aug. 2013 - Jun. 2017
Southeast University, **GPA: 3.92/4.0, Rank: 5/218 (Top 3%)**.

HONORS AND AWARDS

Research Achievement Award from School of Computing of National University of Singapore Sep. 2020

Meritorious Winner of the Interdisciplinary Contest in Modeling (ICM) held by COMAP **(7%)** Apr. 2016

National Scholarship from Southeast University of China **(3%)** Oct. 2015

RESEARCH PUBLICATION

[1] **Yiwei Wang**, Wei Wang, Yuxuan Liang, Yujun Cai, and Bryan Hooi. Mixup for Node and Graph Classification, *The Web Conference (WWW) 2021.* (Acceptance Rate: 20.6%)

[2] **Yiwei Wang**, Wei Wang, Yuxuan Liang, Yujun Cai, and Bryan Hooi. CurGraph: Curriculum Learning for Graph Classification, *The Web Conference (WWW) 2021.* (Acceptance Rate: 20.6%)

[3] **Yiwei Wang**, Shenghua Liu, Minji Yoon, Hemank Lamba, Wei Wang, Christos Faloutsos, and Bryan Hooi. Provably Robust Node Classification via Low-Pass Message Passing, *IEEE International Conference on Data Mining (ICDM) 2020.* (Acceptance Rate: 9.8%)

[4] **Yiwei Wang**, Wei Wang, Yujun Cai, Bryan Hooi and Beng Chin Ooi. Detecting Implementation Bugs in Graph Convolutional Network based Node Classifiers, *International Symposium on Software Reliability Engineering (ISSRE) 2020.* (Acceptance Rate: 25.7%)

[5] **Yiwei Wang**, Wei Wang, Yuxuan Liang, Yujun Cai and Bryan Hooi. Progressive Supervision for Node Classification, *European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2020.* (Acceptance Rate: 19.1%)

[6] **Yiwei Wang**, Wei Wang, Yuxuan Liang, Yujun Cai, Juncheng Liu and Bryan Hooi. *NodeAug: Semi-Supervised Node Classification with Data Augmentation, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD) 2020.* (Acceptance Rate: 16.9%)

[7] **Yiwei Wang**, Mark James Carman, and Yuan-Fang Li. Using Knowledge Graphs to Explain Entity Co-occurrence in Twitter. *Proceedings of the 2017 ACM on Conference on Information and Knowledge Management (CIKM) 2017.*

[8] Yuxuan Liang, Kun Ouyang, Junkai Sun, **Yiwei Wang**, Junbo Zhang, Yu Zheng, David Rosenblum, and Roger Zimmermann. Fine-Grained Urban Flow Prediction. *The Web Conference (WWW) 2021.* (Acceptance Rate: 20.6%)

[9] Yujun Cai, Lin Huang, **Yiwei Wang**, et al. Learning Progressive Joint Propagation for Human Motion Prediction, *European Conference on Computer Vision (ECCV) 2020.*

[10] Yuxuan Liang, Kun Ouyang, **Yiwei Wang**, Ye Liu, Junbo Zhang, Yu Zheng, David S. Rosenblum. Revisiting Convolutional Neural Networks for Citywide Crowd Flow Analytics. *European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2020.* (Acceptance Rate: 19.1%)

[11] Licheng Zhao, **Yiwei Wang**, Sandeep Kumar, and Daniel P. Palomar, Optimization Algorithms for Graph Laplacian Estimation via ADMM and MM. *IEEE Transactions on Signal Processing, 2019.*

SERVICE

Program Committee Member

- European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2020

Reviewer

- The Thirty-Fifth AAAI Conference on Artificial Intelligence (AAAI) 2021
- IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2021

EXCHANGES AND INTERNSHIPS

Internship at Tencent Co. Ltd., Shenzhen Dec, 2018 - Jul, 2019

· Work as a **deep learning algorithm engineer intern** to develop methods for Object Detection, Image Retrieval and the corresponding business applications.

Exchange Program at Monash University, Melbourne Jan. 2017 - May. 2017

· Studied in the School of Information Technology, and completed the graduation projection.

ABILITIES AND SKILLS

Languages: Native Chinese, English (IELTS: **8.0**, GRE: **320+3.5**).

Programming: Advanced with MATLAB, Python. Familiar with C/C++, JAVA.