

Lin Meng

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<http://linmengsysu.github.io>

Education

Florida State University

Tallahassee, FL

M.S. and Ph.D. in Computer Science

August 2018 - Present

- Advisor: Dr. Jiawei Zhang
- Research field: Graph Neural Network based Fraud Detection

Sun Yat-sen University

Guangzhou, China

B.E. in Network Engineering

August 2014 - June 2018

- Thesis Advisor: Dr. Zibin Zheng & Dr. Chuan Chen
- Graduation thesis: Heterogeneous Network Alignment

Research Experience

Research Intern, Intel AI Lab

San Diego, CA

- Mentor: Dr. Hesham Mostafa & Dr. Marcel Nassar
- Research Topic: Data Augmentation for GNN based Fraud Detection

May 2022 - August 2022

Research Intern, Futurewei Technologies Inc.

Santa Clara, CA

- Mentor: Dr. Masood Mortazavi & Dr. Ning Yan
- Research Topic: Network Embedding for Circuit Design

September 2021 - December 2021

Research Intern, Futurewei Technologies Inc.

Santa Clara, CA

- Mentor: Dr. Masood Mortazavi & Dr. Ning Yan
- Research Topic: Network Embedding for Heterogeneous Graphs

May 2020 - August 2020

Research Assistant, IFM Lab

Tallahassee, FL

- Advisor: Dr. Jiawei Zhang
- Research Topic: Graph-based Recommender Systems

May 2018 - June 2020

Publications

1. **Lin Meng**, Yuxiang Ren, Jiawei Zhang. Decoupling Graph Neural Network with Contrastive Learning for Fraud Detection. International Conference on Database Systems for Advanced Applications (DASFAA), 2023.
2. Zhiwei Liu*, **Lin Meng***, Fei Jiang, Jiawei Zhang, Philip S. Yu. De-oscillated Graph Collaborative Filtering. TAG-ML workshop, International Conference on Machine Learning (ICML), 2022. (* denotes equal contribution.)
3. **Lin Meng**, Haoran Yang, Jiawei Zhang. Stage Evolving Graph Neural Network based Dynamic Recommendation with Life Cycles. International Joint Conference on Neural Networks (IJCNN), 2022.
4. Yuxiang Ren, **Lin Meng**, Jiawei Zhang. Scalable Heterogeneous Social Network Alignment through Synergistic Graph Partition. ACM Conference on Hypertext and Social Media, 2020.
5. **Lin Meng**, Ning Yan, Masood Mortazavi, Jiawei Zhang. Discovering Localized Information for Heterogeneous Graph Node Representation Learning. IEEE International Conference on Collaboration and Internet Computing (CIC), 2020.
6. **Lin Meng**, Jiawei Zhang. Isomorphic Neural Network for Graph Representation Learning and Classification. Graph Representation Learning Workshop of the Neural Information Processing Systems (NeurIPS), 2019.
7. **Lin Meng**, Jiyang Bai, Jiawei Zhang. LATTE: Application Oriented Network Embedding. IEEE International Conference on Data Engineering (BigData), 2019.

8. **Lin Meng**, Yuxiang Ren, Jiawei Zhang, Fanghua Ye, Philip S. Yu. Deep Heterogeneous Social Network Alignment. IEEE International Conference on Collaboration and Internet Computing (CIC), 2019. **(invited paper)**

Awards

GHC Scholarship	2022
NeurIPS Travel Award	2019
FSU COGS Student Travel Award	2019
National Encouragement scholarship, Ministry of Education, China	2016

Professional Skill

Languages: English, Chinese

Tools/Frameworks : PyTorch, Python, DGL, Numpy, Scikit-Learn, Matplotlib, Seaborn, Scipy

Professional Service

Conference PC Member

KDD 2022, 2023; AAAI 2021; SDM 2022

External Conference/Journal Reviewer

NeurIPS 2022, ICML 2022, IEEE Transaction of Big Data; TIST; SIGIR 2021,2020; WSDM 2022, 2020; IEEE BigData 2021,2020; KDD 2022, 2019; AAAI 2019, 2020, 2022; The Web 2020; ICDM 2021,2020, 2019 ; CIKM 2021, 2019; SDM 2020, 2019