Xinyue Liu

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Employment

Amazon	**Cambridge, MA**
Applied Scientist	2019 -
IBM T. J. Watson Research Center	**Yorktown Heights, NY**
Research Intern	Summer 2018
Worcester Polytechnic Institute	**Worcester, MA**
Research Assistant	2014 - 2018
Hong Kong University of Science &. Technology	**Hong Kong**
Research Assistant	2013 - 2014

Education

2018 **Worcester Polytechnic Institute**
Ph.D. in Computer Science

2013 **Hong Kong University of Science &. Technology**
M.Sc. in Information Technology

2012 **University of Electronic Science &. Technology of China**
B.Eng. in Software Engineering

Publication

(C1). Jianjun Luo, **Xinyue Liu**, Xiangnan Kong. "Competitive Opinion Maximization in Social Networks". *IEEE/ACM International Conference on Social Networks Analysis and Mining (ASONAM '19)*, August 2019.

(C2). Thanh Tran, **Xinyue Liu**, Kyumin Lee, Xiangnan Kong. "Signed Distance-based Deep Memory Recommender". *ACM International World Wide Web Conferences (The WebConf '19)*, May 2019.

(C3). **Xinyue Liu**, Xiangnan Kong, Lei Liu, Kuorong Chiang. "Syntax-aware Sequence Generation with Generative Adversarial Networks", *IEEE International Conference on Data Mining (ICDM '18)*, November 2018.

(C4). Hang Yin, **Xinyue Liu**, Xiangnan Kong. "Coherent Graphical Lasso for Brain Network Discovery ", *IEEE International Conference on Data Mining (ICDM '18)*, November 2018.

(C5). **Xinyue Liu**, Xiangnan Kong, Philip S. Yu. "Active Opinion Maximization on Social Networks", *ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '18)*, August 2018.

(C6). **Xinyue Liu**, Yuanfang Song, Charu Aggarwal, Yao Zhang, Xiangnan Kong. "Item Recommendation with Life Cycles", *IEEE International Conference on Data Mining (ICDM '17)*, November 2017.

(C7). Saket Sathe, Charu Aggarwal, Xiangnan Kong and **Xinyue Liu**. "Kernel-Based Feature Extraction For Collaborative Filtering", *IEEE International Conference on Data Mining (ICDM '17)*, November 2017.

(C8). **Xinyue Liu**, Xiangnan Kong and Philip S. Yu. "Collective Discovery of Brain Networks with Unknown Groups", *International Joint Conference On Neural Networks (IJCNN '17)*, May 2017.

(C9). **Xinyue Liu**, Xiangnan Kong and Ann B. Ragin. *"Unified and Contrasting Graphical Lasso for Brain Network Discovery"*, *SIAM International Conference on Data Mining (SDM '17)*, April 2017.

(C10). Yao Zhang, Yun Xiong, **Xinyue Liu**, Xiangnan Kong, Yangyong Zhu. *"Meta-Path Graphical Lasso for Learning Heterogeneous Connectivities"*, *SIAM International Conference on Data Mining (SDM '17)*, April 2017.

(C11). **Xinyue Liu**, Xiangnan Kong and Yanhua Li. *"Collective Traffic Prediction with Partially Observed Traffic History using Location-Based Social Media"*, *ACM International Conference on Information and Knowledge Management (CIKM '16)*, November 2016.

(C12). **Xinyue Liu**, Charu Aggarwal, Yu-Feng Li, Xiangnan Kong, Xinyuan Sun and Saket Sathe. *"Kernelized Matrix Factorization for Collaborative Filtering"*, *SIAM International Conference on Data Mining (SDM '16)*, April 2016.

Teaching

Spring 2015   **CS2333: Algorithms**
Graduated Teaching Assistant, Worcester Polytechnic Institute, USA

Awards

Nov. 2018	IEEE ICDM Travel Award
Oct. 2018	WPI Graduate Student Travel Award
Jun. 2018	ACM KDD Travel Award
Oct. 2017	WPI Graduate Student Travel Award
Oct. 2017	IEEE ICDM Travel Award
Mar. 2017	IEEE/ACM IJCNN Travel Award
Mar. 2017	WPI Graduate Student Travel Award
Oct. 2016	WPI Graduate Student Travel Award
Aug. 2016	ACM CIKM Travel Award
May. 2016	SIAM SDM Travel Award

Service

Journal Reviewer	TKDD
External Reviewer	TKDE, TIST, TPAMI, KDD ('15 - '18), ICML ('18), ICDM ('15,'17), SDM ('17, '18), CIKM ('15 - '17), NIPS ('16 - '18), IJCAI ('15, '17), AAAI ('17), AISTAT ('17, '18), ICDE ('17), ASONAM ('17), BigData('18), PAKDD ('18)
Conference Volunteer	SDM '16, ICDM' 17, KDD '18