

Pengyang Wang

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RESEARCH INTERESTS	My research interests are data mining, big data analytics, business intelligence and their applications, e.g. recommender systems and urban computing.	
EDUCATION	Ph.D. , Computer Science, Missouri University of Science and Technology, Present M.S. , Information Security, Beijing University of Posts and Telecommunications, 2017. B.S. , Information Security, Xidian University, 2014.	
HONORS	Graduate Research Assistantship, Missouri University of Science and Technology, 2017-2018 The First Honor Graduate Scholarship, Beijing University of Posts and Telecommunications, 2014-2017 The Third Prize in the 24th Spark-Cup Undergraduate Academic and Technology Competition, 2013 The First Prize in the China Northwest Mathematical Modeling League, 2012 College Undergraduate Scholarship, Xidian University, 2010-2014	
RESEARCH EXPERIENCE	Research Assistant , Data Mining Lab Missouri University of Science and Technology, MO, USA Present • On urban computing, mainly focus on spatial-temporal graph structure learning. Research Assistant , National Disaster Recovery Engineering Lab Beijing University of Posts and Telecommunications, Beijing, China 2014-2017 • Design and implement recommender systems of the on-line recruiting system.	
TEACHING EXPERIENCE	Teaching Assistant , Department of Computer Science, Missouri University of Science and Technology, MO, USA Fall, 2017 • Software Engineering (Undergraduate-level) • Instructor: Dr. Yanjie Fu	
PAPERS	<ol style="list-style-type: none">1 Pengyang Wang, Jiawei Zhang, Guannan Liu, Yanjie Fu and Charu Aggarwal, “Ensemble-Spotting: Prioritizing Vibrant Communities via POI Embedding with Multi-view Spatial Graph”. 2018 SIAM International Conference on Data Mining (SDM).(Under Review)2 Kunpeng Liu, Pengyang Wang, Jiawei Zhang, Guannan Liu, Yanjie Fu and Sajal K. Das, “Incorporating Interaction Coupling among Multi-View Spatiotemporal Contexts for Mobike Destination Prediction”. 2018 SIAM International Conference on Data Mining (SDM).(Under Review)3 Yanjie Fu, Pengyang Wang, Yu Zheng, Dan Lin, Xiaolin Li, Yan Song, “How Predictable are Vibrant Communities? Insights from the Perspective of Spatial Conguration and Social Interaction”. IEEE Transactions on Big Data (TBD).(Under Review)4 Pengyang Wang, Yanjie Fu, Jiawei Zhang and Guannan Liu, “Learning Urban Community Structures: A Collective Embedding Perspective with Periodic Spatialtemporal Mobility Graphs”. ACM Transactions on Intelligent Systems and Technology (TIST).(Under Review)5 Pengyang Wang, Yingtong Dou and Yang Xin, “The Analysis and Design of the Job Model Based on GBRT and Time Factors”. 2016 IEEE International Conference on Knowledge Engineering and Applications, Singapore.	
SKILL SETS	• Statistics, Data Mining, Machine Learning, Data Analysis. • Python, Matlab, R, SQL, LaTeX.	