

## Pengyang Wang

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RESEARCH INTERESTS	My interest is big data analytics, business intelligence and their applications, e.g. recommender systems and urban computing.	
EDUCATION	<b>Ph.D.</b> , Computer Science, Missouri University of Science and Technology, Present <b>M.S.</b> , Information Security, Beijing University of Posts and Telecommunications, 2017. <b>B.S.</b> , 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	<b>Research Assistant</b> , Data Mining Lab Missouri University of Science and Technology, MO, USA Present • On urban computing, mainly focus on spatial-temporal graph structure learning. <b>Research Assistant</b> , 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	<b>Teaching Assistant</b> , 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"><li>1 <b>Pengyang Wang</b>, Jiawei Zhang, Guannan Liu, Yanjie Fu and Charu Aggarwal, "Ensemble-Spotting: Prioritizing Vibrant Communities via POI Embedding with Multi-view Spatial Graphs". 2018 SIAM International Conference on Data Mining (SDM).(Under Reviewing)</li><li>2 Yanjie Fu, <b>Pengyang Wang</b>, 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 Reviewing)</li><li>3 <b>Pengyang Wang</b>, 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 Reviewing)</li><li>4 <b>Pengyang Wang</b>, 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.</li></ol>	
SKILL SETS	<ul style="list-style-type: none"><li>• Statistics, Data Mining, Machine Learning, Data Analysis.</li><li>• Python, Matlab, R, SQL, LaTeX.</li></ul>	