

Yingtong Dou (Ph.D. Candidate)

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Education	Ph.D.	University of Illinois at Chicago, Computer Science Advisor: Philip S. Yu Research Area: Graph Mining, Fraud Detection, Social Network Analysis	2017 - <i>present</i>
	B.E.	Beijing University of Posts and Telecoms (BUPT), IoT Engineering Thesis: <i>Robust Influence Maximization Algorithm Design for OSNs</i>	2017
Working Experience	Research Intern	Noah's Ark Research Lab Mentor: Dr. Zhenhua Dong Project: Download Fraud Detection in Mobile App Markets	Summer 2018
	Research Intern	TDCS Lab, BUPT Mentor: Dr. Xiaolong Deng Project: Social Influence Measurement and Social Recommender System	2016 - 2017
Publications	Y. Dou , W. Li, Z. Liu, Z. Dong, J. Luo, and P. S. Yu. “ Uncovering Download Fraud Activities in Mobile App Markets. ” <i>IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)</i> , 2019. [arXiv:1907.03048]		
	X. Deng, Y. Yu, D. Guo and Y. Dou . “ Efficient CPS Model Based Online Opinion Governance Modeling and Evaluation for Emergency Accidents. ” <i>Geoinformatica</i> , 2018. [doi:10.1007/s10707-018-0319-4]		
	X. Deng, Y. Dou , T. Lv, N. QVH. “ A Novel Centrality Cascading Based Edge Parameter Evaluation Method for Robust Influence Maximization. ” <i>IEEE Access</i> , 2017. [doi:10.1109/access.2017.2764750]		
Preprints	Y. Dou . “ A Review of Recent Advance in Online Spam Detection. ” <i>Technical Reports</i> , 2019. [doi:10.13140/RG.2.2.34813.00485]		
	L. Sun and Y. Dou and C. Yang and J. Wang and P. S. Yu and B. Li. “ Adversarial Attack and Defense on Graph Data: A Survey. ” <i>In submission</i> , 2018. [arXiv:1812.10528]		
Draft Papers	Y. Dou , Z. Liu, Y. Deng, H. Peng, P. S. Yu. “ Efficient Sampling Method for Graph-based Spam Review Detection. ” Under preparation.		
	Y. Dou , G. Ma, S. Xie, P. S. Yu. “ Defending Spam Detectors against Saturation Attacks from Goal-oriented Spammers ” Under preparation.		
Teaching	• Teaching Assistant, CS111 Program Design	20Spring, 19Fall, 18Spring, 17Fall	
	• Teaching Assistant, CS151 Mathematics for Computing	19Spring, 18Fall	
Professional Services	• External Reviewer: BigData 2019, CIKM 2019, KDD 2020		
Honors and Awards	• Beijing Excellent Graduate Award		2017
	• BUPT Student Scholarship		2014, 2015, 2016