

# Yingtong Dou (Ph.D. Candidate)

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