

# 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, Z. Liu, L. Sun, Y. Den, H. Peng, and P. S. Yu.</b>	<b>"Enhancing Graph Neural Network-based Fraud Detectors against Camouflaged Fraudsters."</b>	<i>ACM CIKM</i> , 2020. [doi:10.1145/3340531.3411903]
	<b>Y. Dou, G. Ma, P. S. Yu, and S. Xie.</b>	<b>"Robust Spammer Detection by Nash Reinforcement Learning."</b>	<i>ACM SIGKDD</i> , 2020. [doi:10.1145/3394486.3403135]
	<b>Z. Liu, Y. Dou, P. S. Yu, Y. Den, and H. Peng.</b>	<b>"Alleviating the Inconsistency Problem of Applying Graph Neural Network to Fraud Detection."</b>	<i>ACM SIGIR</i> , 2020. [doi:10.1145/3397271.3401253]
	<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>ASONAM</i> , 2019. [doi:10.1145/3341161.3345306]
	<b>X. Deng, Y. Dou, T. Lv, N. QVH.</b>	<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>	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>Teaching</b>	• Teaching Assistant, CS111 Program Design		17Fall, 18Spring - 20Fall
	• Teaching Assistant, CS151 Mathematics for Computing		18Fall - 19Spring
<b>Professional Services</b>	• External Reviewer: BigData'19, CIKM'19, KDD'20, WSDM'21		
	• PC Member: IJCAI'21, AAAI'21, TrueFact@KDD'20		
<b>Honors and Awards</b>	• Student Travel Awards: SIGIR'20, SIGKDD'20, CIKM'20		