

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, Secure Machine Learning	2017 - <i>present</i>
	B.E.	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
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
Preprints	L. Sun, Y. Dou , C. Yang, J. Wang, P. S. Yu, L. He and B. Li. “ Adversarial Attack and Defense on Graph Data: A Survey. ” 2020. [arXiv:1812.10528]		
	Y. Dou. “ A Review of Recent Advance in Online Spam Detection. ” <i>Technical Reports</i> , 2019. [doi:10.13140/RG.2.2.34813.00485]		
Publications	Y. Cao, H. Peng, J. Wu, Y. Dou , J. Li, and P. S. Yu. “ Knowledge-Preserving Incremental Social Event Detection via Heterogeneous GNNs. ” <i>The Web Conference</i> , 2021. [arXiv:2101.08747]		
	Y. Dou , Z. Liu, L. Sun, Y. Den, H. Peng, and P. S. Yu. “ Enhancing Graph Neural Network-based Fraud Detectors against Camouflaged Fraudsters. ” <i>ACM CIKM</i> , 2020. [doi:10.1145/3340531.3411903]		
	Y. Dou , G. Ma, P. S. Yu, and S. Xie. “ Robust Spammer Detection by Nash Reinforcement Learning. ” <i>ACM SIGKDD</i> , 2020. [doi:10.1145/3394486.3403135]		
	Z. Liu, Y. Dou , P. S. Yu, Y. Den, and H. Peng. “ Alleviating the Inconsistency Problem of Applying Graph Neural Network to Fraud Detection. ” <i>ACM SIGIR</i> , 2020. [doi:10.1145/3397271.3401253]		
	Y. Dou , W. Li, Z. Liu, Z. Dong, J. Luo, and P. S. Yu. “ Uncovering Download Fraud Activities in Mobile App Markets. ” <i>ASONAM</i> , 2019. [doi:10.1145/3341161.3345306]		
	X. Deng, Y. Yu, D. Guo and Y. Dou. “ Efficient CPS Model Based Online Opinion Governance Modeling and Evaluation for Emergency Accidents. ” <i>Springer, 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]		
Teaching	• Teaching Assistant, CS341 Program Design and Implementation		21Spring
	• Teaching Assistant, CS111 Program Design I		17Fall, 18Spring - 20Fall
	• Teaching Assistant, CS151 Mathematics for Computing		18Fall - 19Spring

**Professional
Services**

- Journal Reviewer: ACM TOIS, Springer SNAM
- PC Member: IJCAI'21, AAAI'21, TrueFact@KDD'20
- External Reviewer: WWW'21, WSDM'21, KDD'20, BigData'19, CIKM'19

**Honors and
Awards**

- Student Travel Awards: SIGIR'20, SIGKDD'20, CIKM'20