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 - *present*
	B.E.	Beijing University of Posts and Telecoms (BUPT), IoT Engineering Thesis: *Robust Influence Maximization Algorithm Design for OSNs*	2017

Working Experience

Research Intern **Noah's Ark Research Lab** Summer 2018
Mentor: Dr. Zhenhua Dong
Project: Download Fraud Detection in Mobile App Markets

Research Intern **TDCS Lab, BUPT** 2016 - 2017
Mentor: Dr. Xiaolong Deng
Project: Social Influence Measurement and Social Recommender System

Publications

Y. Dou, W. Li, Z. Liu, Z. Dong, J. Luo, and P. S. Yu. **"Uncovering Download Fraud Activities in Mobile App Markets."** *IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*, 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."** *GeoInformatica*, 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."** *IEEE Access*, 2017. [doi:10.1109/access.2017.2764750]

Preprints

Y. Dou. **"A Review of Recent Advance in Online Spam Detection."** *Technical Reports*, 2019. [doi:10.13140/RG.2.2.34813.00485]

Draft Papers

Y. Dou, Z. Liu, Y. Deng, B. Dong, H. Peng, P. S. Yu. **"Leveraging Heterogeneous Information for Explainable Spammer Detection."** Under preparation.

Y. Dou, G. Ma, S. Xie, P. S. Yu. **"Defending Spam Detectors against Goal-oriented Spammers."** Under review at *ACM WSDM*, 2020.

Teaching

- Teaching Assistant, CS111 Program Design Fall 2019, Spring 2018, Fall 2017
- Teaching Assistant, CS151 Mathematics for Computing Spring 2019, Fall 2018

Professional Services

- External Reviewer: BigData 2019, CIKM 2019

Honors and Awards

- Beijing Excellent Graduate Award 2017
- BUPT Student Scholarship 2014, 2015, 2016