# Yingtong Dou (Ph.D. Candidate)

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| Education | | | |
|---|---|---|---|
| | **Ph.D.** | University of Illinois at Chicago, Computer Science | 2017 - *present* |
| | | Advisor: Philip S. Yu | |
| | | Research Area: Graph Mining, Fraud Detection, Secure Machine Learning | |
| | **B.E.** | Beijing University of Posts and Telecoms (BUPT), IoT Engineering | 2017 |
| | | Graduated with *Beijing Excellent Graduate Award* | |
| | | Thesis: *Robust Influence Maximization Algorithm Design for OSNs* | |

**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**, G. Ma, P. S. Yu, and S. Xie. **"Robust Spammer Detection by Nash Reinforcement Learning."** *ACM SIGKDD*, 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."** *ACM SIGIR*, 2020. [arXiv:2005.00625]

**Y. Dou**, W. Li, Z. Liu, Z. Dong, J. Luo, and P. S. Yu. **"Uncovering Download Fraud Activities in Mobile App Markets."** *ASONAM*, 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."** *Springer, 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]

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."** 2018. [arXiv:1812.10528]

**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
- Program Committee: TrueFact@KDD 2020