

Steve T.K. Jan

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Education

- Ph.D. in Computer Science, Virginia Tech Aug 2014 – Present (On leave: 2015-16)
 - Advisor: Prof. Gang Wang
- M.S. in Computer Science, National Taiwan University Sep. 2008 – Jun. 2010
 - Advisor: Prof. Hsuan-Tien Lin
- B.S. in Computer Science, Chung Yuan Christian University Sep. 2004 – Jun. 2008
 - Advisor: Prof. Bin-Shian Jung

Research and Industry Experience

- Intel, Ramesh Jaladi May 2018 - Aug. 2018
 - Deep Learning Research Intern
- Virginia Tech, Prof. Gang Wang Apr. 2014 – Present
 - Applied Machine learning and Cyber security
- Academia Sinica, Dr. David Wang and Prof. Hsuan-Tien Lin Apr. 2011 – May 2014
 - Applied Machine learning

Publications

- [1] Ke Tien, **Steve T.K. Jan**, Hang Hu, Danfeng Yao, Gang Wang, "Needle in a haystack: Tracking down elite phishing Domains in the wild," in *Proceedings of ACM Internet Measurement Conference (IMC)*, 2018.
- [2] Chun Wang, **Steve T.K. Jan**, Hang Hu, Douglas Bossart, Gang Wang, "The next domino to fall: Empirical analysis of user passwords across online services," in *Proceedings of the acm conference on data and applications security and privacy (codaspy)*, 2018.
- [3] **Steve T.K. Jan**, Chun Wang, Qing Zhang, Gang Wang, "Pay-per-question: Towards targeted Q&A with payments," in *Proceedings of acm international conference on supporting group work (group)*, 2018.
- [4] Rupinder Paul Khandpur, Taoran Ji, **Steve T.K. Jan**, Gang Wang, Chang-Tien Lu, Naren Ramakrishnan, "Crowdsourcing cybersecurity: Cyber attack detection using social media," in *Proceedings of conference on information and knowledge management (cikm)*, 2017.
- [5] Yao Zhang, Bijaya Adhikari, **Steve T.K. Jan**, Aditya Prakash, "Meike: Influence-based communities in networkss," in *Proceedings of siam international conference on data mining (sdm)*, 2017.
- [6] Ahsanur Rahman, **Steve T.K. Jan**, Hyunju Kim, Aditya Prakash, T. M. Murali, "Unstable communities in network ensembles," in *Proceedings of siam international conference on data mining (sdm)*, 2016.
- [7] Ahsanur Rahmana, **Steve T.K. Jan**, Hyunju Kim, Aditya Prakash, T. M. Murali, "Mining unstable communities from network ensembles," in *Proceedings of international conference on data mining workshop (icdm workshop)*, 2016.
- [8] **Steve T.K. Jan**, Da-Wei Wang, Chi-Hung Lin, Hsuan-Tien Lin, "Data selection techniques for large-scale ranksvm," in *Proceedings of knowledge discovery and data minin (kdd)*, 2012.
- [9] Ken-Yi Lin, **Steve T.K. Jan**, Hsuan-Tien Lin, "Data selection techniques for large-scale ranksvm," in *Proceedings of technologies and applications of artificial intelligence (taai)*, 2013.

- [10] **Steve T.K. Jan**, Hsuan-Tien Lin, Da-Wei Wang, "Data selection techniques for large-scale ranksvm," in *Proceedings of ieee international conference on bioinformatics and biomedicine (bibt)*, 2011.

Teaching Experience

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|--|-------|
| ○ Intro to Programming in Java (VT CS1054), TA | S2017 |
| ○ Intro to Programming (VT CS1054), TA | F2016 |
| ○ Data Structures and Algorithms (VT CS3014), TA | S2015 |
| ○ Data Structures and Algorithms (VT CS3014), TA | F2014 |
| ○ Machine Learning (NTU CSIE), TA | S2009 |

Honors & Awards

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| ○ Fellow Employee Recognition Reward, Intel | 2018 |
| ○ Excellent TA award, National Taiwan University | 2010 |
| ○ Top 5% scores in the graduate school entrance exam, National Taiwan University | 2008 |

Skills

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| Languages | C, C++, Fortran, Haskell, Java, Make, Python |
| Frameworks | NumPy, Pandas, PyTorch, SciPy, TensorFlow |
| Systems | Linux, OSX |