Curriculum Vitae – Tong Zhu

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Short Bios

I am pursuing my Ph.D. degree at the Department of Computer Science & Engineering of Shanghai Jiao Tong University. Previously, I received a Bachelor of Science degree in the field of computer science and technology from University of Electronic Science and Technology of China in June 2019. My current research interests are mobile security and privacy. I published 4 international conference and journal papers (including 1 special issue), including: ACM CCS, IEEE ICDCS, DFRWS, and Digital Investigation. I also serve as the reviewer for academic journals including Peer-to-Peer Networking and Applications (PPNA).

Education

2019.09 - now   **Shanghai Jiao Tong University, Shanghai, China**

Ph.D., Computer Science and Engineering
Advisor: Professor Haojin Zhu
Area of Study: Mobile Security and Privacy

2015.09 - 2019.06 **University of Electronic Science and Technology of China, Chengdu, China**

B.S., Computer Science and Engineering
Advisor: Professor Ting Chen

Honors & Awards

Jun. 2019   Outstanding Graduate Student of University of Electronic Science and Technology of China
Dec. 2018   Grand Prize Scholarship (Top 3%)
Oct. 2018   A-level Certificate of Comprehensive Quality for College Students in Sichuan Province
May 2017   Excellent Student Cadre
Dec. 2017   Second Prize Scholarship
Aug. 2017   Second Prize of Mathematical Contest In Modeling in Sichuan Province
Dec. 2016   First Prize Scholarship

Research Interest

- **Mobile Security and Privacy**
  My research interests focus on identifying and addressing new security threats in mobile systems. I am especially interested in the detection of mobile advertising fraud and digital forensics. I am interested in a set of novel techniques and projects that can improve the security and privacy of mobile systems and have a real-world impact. My research mainly focuses on:

  – Static / dynamic analysis on mobile systems such as Android.

  – Mobile advertising fraud detection.

  – Digital forensics.

Publications

Conference Papers

1. **Tong Zhu**, Yan Meng, Haotian Hu, Xiaokuan Zhang, Minhui Xue, Haojin Zhu. Dissecting Click Fraud Autonomy in the Wild[C]. 2021 ACM 28th Conference on Computer and Communications Security (**ACM CCS'21**, *CCF-A*). ACM, 2021.

2. Ting Chen, Zihao Li, Yufei Zhang, Xiapu Luo, Ang Chen, Kun Yang, Bin Hu, **Tong Zhu**, Shifang Deng, Teng Hu, Jiachi Chen, Xiaosong Zhang. Dataether: Data exploration framework for ethereum[C]. IEEE 39th International Conference on Distributed Computing Systems (**ICDCS'19**, *CCF-B*). IEEE, 2019, pp.1369-1380.

3. Xiaodong Lin, Ting Chen, **Tong Zhu**, Kun Yang, Fengguo Wei. Automated forensic analysis of mobile applications on Android devices[C]. Digital Forensics Research Workshop (**DFRWS'18**, *CCF-C*). Elsevier, 2018. (The first student author.)

Journal Papers

1. Xiaodong Lin, Ting Chen, **Tong Zhu**, Kun Yang, Fengguo Wei. Automated forensic analysis of mobile applications on Android devices[J]. **Digital Investigation**, *SCI*, 2018. 26: p. S59-S66.(The **special issue** of the DFRWS'18. The first student author.)

Teaching Assistant

Spring 2021 Network Security

> *Department of Computer Science & Engineering,*
> *Shanghai Jiao Tong University*

Professional Services

- Peer-to-Peer Networking and Applications (PPNA): Reviewer