Dongyu **Meng**

GRADUATE STUDENT · SHANGHAITECH UNIVERSITY

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Education

ShanghaiTech University · **Chinese Academy of Science**   *Shanghai, China*

M.S. IN COMPUTER SCIENCE   *Sept. 2015 - Exp. May. 2018*

- Advisor: Prof. Hao Chen

Tsinghua University   *Beijing, China*

B.S. IN CONTROL SCIENCE AND ENGINEERING   *Sept. 2011 - July. 2015*

- Undergraduate Thesis Advisor: Prof. Jun Li

Professional Experience

Information Security Lab, SIST, ShanghaiTech University   *Shanghai, China*

RESEARCH ASSISTANT   *Sept. 2015 - Present*

- Conducted research on the security of machine learning (especially deep learning) systems.
- Conducted research on browser privacy.
- Conducted research on eliminating memory/concurrency bug with Rust-like mechanism.
- Served as external reviewer for MoST(16), Wisec(16), CNS(16, 17), AsiaCCS(16, 17), CCS(17)

School of Information Science and Technology, ShanghaiTech University   *Shanghai, China*

TEACHING ASSISTANT   *Sept. 2015 - Present*

- 2015 Fall - Undergraduate Data Structure(*Outstanding TA Award*)
- 2016 Summer - Rust Programming Language
- 2017 Spring - Operating System

Network Security Lab, RIIT, Tsinghua University   *Beijing, China*

UNDERGRADUATE RESEARCHER   *Feb. 2015 - June.2015*

- Survied Android obfuscation techniques. Conducted comprehensive evaluation on obfuscation tools.

zhihu.com   *Beijing, China*

DATA ANALYSIS INTERN   *June. 2014 - Sept. 2014*

- Built data analysis infrastructure and supported user behavior analysis.

SoniDigg Tech   *Beijing, China*

SOFTWARE ENGINEER INTERN   *Mar. 2013 - Aug. 2013*

- Built a radio station monitor system. Implemented automatic song recognition algorithm.
- Used these records as evidence to protect music copyright.

Publications

[1] Dongyu Meng and Hao Chen. "MagNet: a Two-Pronged Defense against Adversarial Examples". In: *ACM Conference on Computer and Communications Security (CCS)*. Dallas, TX, Oct. 30–Nov. 3, 2017.

[2] Yuanyi Wu, Dongyu Meng, and Hao Chen. "Evaluating Private Modes in Desktop and Mobile Browsers and Their Resistance to Fingerprinting". In: *IEEE Conference on Communications and Network Security (CNS)*. Las Vegas, NV, Oct. 9–11, 2017.

Skills

Programming	Python, C/C++, Rust, Haskell
Languages	Chinese, English
Tools	Tensorflow, Keras, LLVM