

Dongyu Meng

GRADUATE STUDENT · SHANGHAITECH UNIVERSITY

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Education

ShanghaiTech University · Chinese Academy of Science

M.S. IN COMPUTER SCIENCE

• Advisor: Prof. Hao Chen

Shanghai, China

Sept. 2015 - Exp. May. 2018

Tsinghua University

B.S. IN CONTROL SCIENCE AND ENGINEERING

• Undergraduate Thesis Advisor: Prof. Jun Li

Beijing, China

Sept. 2011 - July. 2015

Professional Experience

Keen Security Lab, Tencent

SECURITY RESEARCH INTERN

- Adversarial examples against autonomous vehicles.
- Analysed security challenges of modern intelligent cars.

Shanghai, China

Sept. 2017 - Now

Information Security Lab, SIST, ShanghaiTech University

RESEARCH ASSISTANT

- Principled fuzzing as an optimization problem.
- The security of machine learning (especially deep learning) systems.
- Browser privacy.
- Memory/concurrency bug elimination with Rust-like mechanism.
- Served as external reviewer for MoST(16), Wisec(16), CNS(16, 17), AsiaCCS(16, 17, 18), CCS(17)

Shanghai, China

Sept. 2015 - Now

School of Information Science and Technology, ShanghaiTech University

TEACHING ASSISTANT

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

Shanghai, China

Sept. 2015 - Present

Network Security Lab, RIIT, Tsinghua University

UNDERGRADUATE RESEARCHER

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

Beijing, China

Feb. 2015 - June.2015

zhihu.com

DATA ANALYSIS INTERN

- Built data analysis infrastructure and supported user behavior analysis.

Beijing, China

June. 2014 - Sept. 2014

SoniDigg Tech

SOFTWARE ENGINEER INTERN

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

Beijing, China

Mar. 2013 - Aug. 2013

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.

Awards

- 2017 **Student Travel Award**, ACM CCS 2017
- 2017 **Student Travel Award**, IEEE CNS 2017
- 2016 **Outstanding TA Award**, ShanghaiTech University

Dallas, USA

Las Vegas, USA

Shanghai, China

Skills

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