

JIANZHONG LIU (刘健中)

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EDUCATION

SHANGHAITECH UNIVERSITY

Shanghai, China

M.E. candidate, Computer Science, 2018-Present

- Advisor: Dr. Hao Chen

SHANGHAITECH UNIVERSITY

Shanghai, China

B.E. in Computer Science, 2014-2018

- GPA 3.58/4.00
- A+ in Data Structures, Algorithms, Operating Systems, Computer Graphics, Compilers and Computer Architecture I , A in Computer Architecture II and Advanced Computer Architecture

SKILLS

- Proficient in Mandarin Chinese and English
- Capable of programming in x86 assembly, C/C++, Python, Rust, UNIX Shell, familiar with UNIX programming, parallel programming, systems programming and scripting

PROJECTS

- Angora: Mutation-based coverage guided fuzzer github.com/AngoraFuzzer/Angora
- TiOS: 64-bit Operating System Written in Rust github.com/maverick117/TiOS

EXPERIENCE

Bytedance

July 2018 - Present

AI Lab Intern

Shanghai, China

- Research on software security

ShanghaiTech University

September 2016 - June 2017

Teaching Assistant

Shanghai, China

- Computer Architecture, Spring 2017.
- Introduction to Information Science and Technology, Programming Section, Spring 2017
- Introduction to Programming, Fall 2016

PUBLICATIONS

- Peng Chen, Jianzhong Liu, and Hao Chen. “Matryoshka: fuzzing deeply nested branches” . In: ACM Conference on Computer and Communications Security (CCS). London, UK, Nov. 11–15, 2019.

HONORS & AWARDS

- National English Competition for College Students (NECCS) Special Prize, Band C, May 2017
- ShanghaiTech University Merit Student, November 2016
- ShanghaiTech University Scholarship of Academic Excellence, November 2016
- ShanghaiTech University SIST Dean Scholarship, September 2014

REFERENCE

Prof. Hao Chen, Professor, University of California, Davis, chen@ucdavis.edu

Prof. Sören Schwertfeger, Assistant Professor, ShanghaiTech University, soerensch@shanghaitech.edu.cn