

Yueqi Chen

College of Information Sciences & Technology
The Pennsylvania State University, State College, PA 16803
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RESEARCH INTERESTS

Software security, systems security, program analysis

EDUCATION

Ph.D in Information Sciences and Technology, Pennsylvania State University, 2017 - Present,
Advisor: Xinyu Xing
B.S. in Computer Science and Technology, Nanjing University, 2013 - 2017

EXPERIENCES

Research Assistant, Pennsylvania State University, 2017 Fall - Present (advisor: Xinyu Xing)
Teaching Assistant, Nanjing University, Distributed Network, 2016 Fall
Research Assistant, University of California Santa Cruz (remote), 2016 Spring (advisor: Chen Qian)

HONORS & AWARDS

Black Hat USA, Student Scholarship, 2018
39th IEEE Symposium on Security and Privacy, Student Travel Grant Award, 2018
The Second-Class People Scholarship, Rank 2, 2016
University Outstanding students, Top 5%, 2015
The Second-Class People Scholarship, Rank 1, 2015

PUBLICATIONS

1. W. Wu, **Y. Chen**, J. Xu, X. Xing, W. Zou, X. Gong, FUZE: Towards Facilitating Exploit Generation for Kernel Use-After-Free Vulnerabilities, USENIX Security 2018.

PROJECTS

1. Facilitating Exploit Generation for Use-After-Free Vulnerabilities in Linux Kernel, 2017 Fall - Present
2. Designing a scalar pipeline CPU in MIPS ISA on FPGA, 2016 Fall
3. Designing a highly efficient C-like Compiler, 2015 Fall
4. Developing a single core CPU emulator for x86 ISA, 2014 Fall

COMPETITIONS

1. 2018 DEF CON CTF, jd-r3kapig, Final
2. 2017 NSA codebreaker Challenge, Team member, Rank 5, 2017
3. Compiler optimization contest in Nanjing University, Individual, Rank 2, 2015

COMMUNITY SERVICES

1. External reviewer: AsiaCCS 2018, CNS 2018.