

Yiwen Li

PhD candidate

New York University, New York, USA

+1(347)553-4410

✉ liyiwen@nyu.edu, detectivelyw@gmail.com

Educational Background

Sep 2014 - Present Computer Science and Engineering Department,
Tandon School of Engineering, New York University, NY, USA

Degree PhD in Computer Science (Expected in May 2020)

GPA 4.00/4.00

Key Course Work Design and Analysis of Algorithms II, Network Security, Application Security, Penetration Testing and Vulnerability Analysis

Sep 2011 - July 2013 Computer Science and Engineering Department,
Rackham School of Engineering, University of Michigan, Ann Arbor, MI, USA

Degree Master of Science

GPA 3.59/4.00

Key Course Work Advanced Operating Systems, Advanced Cryptography, Distributed Systems, Advanced Computer Networks

Sep 2007 - July 2011 Computer Science Department, Peking University, Beijing, China

Degree Bachelor of Science

GPA 3.63/4.00

Rank 15/133

Key Course Work Mathematical Analysis, Advanced Algebra, Data Structure and Algorithm, Mathematical Logic, Compiler Design, Design and Analysis of Algorithms, Computer Architectures, Operating Systems, Computer Networks, Introduction to Theoretical Computer Science, Probability Theory and Statistics

Publications

- USENIX ATC '17** Yiwen Li, Brendan Dolan-Gavitt, Sam Weber, and Justin Cappos, *Lock-in-Pop: Securing Privileged Operating System Kernels by Keeping on the Beaten Path*, In Proceedings of the 2017 USENIX Annual Technical Conference (USENIX ATC '17)

Talks

- 2017** Caging: in-process isolation with cages, at Security and Privacy Day, Sponsored by Stony Brook University, October 13, 2017, New York City, SUNY Global Center

Posters

- NENS '14** Yiwen Li, Justin Cappos, *Lind: A Portable Lightweight Single-Process Sandbox*, New England Networks and Systems Day 2014 (NENS '14)
- CATT '14** Yiwen Li, Chris Matthews, Ali Gholami, Yanyan Zhuang, Justin Cappos, *Lind: A Portable Lightweight Single-Process Sandbox*, 2014 CATT Research Review

Professional Services

- 2019** Program Committee Member for CSAW '19
- 2017** Technical sessions host for the O'Reilly Security Conference in New York 2017
- 2017** Program Committee Member for CSAW '17
- 2017** External Reviewer for USENIX ATC '17

Teaching Experience

- Winter 2013** Teaching Assistant, *Discrete Mathematics (EECS 203)*, University of Michigan, Ann Arbor, MI, USA
- Fall 2012** Teaching Assistant, *Discrete Mathematics (EECS 203)*, University of Michigan, Ann Arbor, MI, USA

Awards & Honors

- 2014** NYU Dean's PhD Fellowship
- 2010** EMC Scholarship (3 in the CS Dept., Peking Univ.)

- 2009** Third Price in the 8th Peking University Programming Contest
- 2008** Third Price (44th Place) in the ACM Asia Programming Contest PKU Preliminary
- 2007** Nominee Price for the Awarding Program for Future Scientists held by the Ministry of Education of the People's Republic of China
- 2006** First Price in Beijing Mathematics Application Contest for senior high students

Skills

Languages Mandarin Chinese (native), English (fluent)
 Took GRE General test on June 12th 2010, scores:
 Verbal Analysis: 700 (top 3%)
 Quantitative Analysis: 800 (top 6%)
 Analytical Writing: 4.0 (top 55%)
 Took TOEFL ibt test on August 14th 2010, scores:
 Reading: 30, Listening: 30, Speaking: 24, Writing: 29
 Total Score: 113 / 120

Programming C, C++, Java, Assembly, Python, Perl, PHP, JavaScript

Tools Vim, Matlab, L^AT_EX, Git, etc.

Interests

Soccer, Classic English Literature, History, Traveling, Anime