

# KEVIN LIAO

[kevinliao@asu.edu](mailto:kevinliao@asu.edu) | [www.kevinliao.me](http://www.kevinliao.me)

## RESEARCH INTERESTS

---

Computer security & privacy, applied cryptography, distributed systems, programming languages

## EDUCATION

---

DOCTOR OF PHILOSOPHY	Present	<a href="#">Ph.D. in Computer Science</a> University of Illinois Urbana-Champaign
BACHELOR OF SCIENCE	2017	<a href="#">B.S. in Computer Science with Honors</a> Arizona State University Thesis: Toward Inductive Reverse Engineering of Web Applications Committee: Adam Doupé (Chair), Gail-Joon Ahn, Ziming Zhao GPA: 4.00/4.00

## HONORS & AWARDS

---

2017	<a href="#">National Science Foundation Graduate Research Fellowship</a>
2017	<a href="#">Outstanding Graduate in Computer Science</a> , Arizona State University
2017	<a href="#">Moeur Award</a> , Arizona State University

## PUBLICATIONS

---

REFEREED CONFERENCE	[C1]	<a href="#">Kevin Liao</a> , Ziming Zhao, Adam Doupé, and Gail-Joon Ahn. "Measurement and Analysis of CryptoLocker Ransoms in Bitcoin." In Proceedings of the Symposium on Electronic Crime Research ( <b>eCrime</b> ), June 2016.
REFEREED WORKSHOP	[W1]	<a href="#">Kevin Liao</a> and Jonathan Katz. "Incentivizing Blockchain Forks via Whale Transactions." To appear in the Proceedings of the 4th Workshop on Bitcoin and Blockchain Research ( <b>BITCOIN</b> ), April 2017. (37% acceptance rate)
BOOK CHAPTER	[BC1]	<a href="#">Kevin Liao</a> , Ziming Zhao, Adam Doupé, and Gail-Joon Ahn. "Ransomware and Cryptocurrency: Partners in Crime." In <i>Cybercrime Through an Interdisciplinary Lens</i> ed. by Thomas J. Holt. Advances in Intelligent Systems and Computing. Routledge, 2016.
IN SUBMISSION	[S1]	<a href="#">Kevin Liao</a> , Tejas Khairnar, and Adam Doupé. "Toward Inductive Reverse Engineering of Web Applications."

## PROFESSIONAL EXPERIENCE

---

ACADEMIC	Present	<a href="#">Research Assistant</a> , Arizona State University Advisor: Adam Doupé
----------	---------	--

- 2016 [Undergraduate Research Assistant](#), University of Maryland  
Advisor: Jonathan Katz
- 2016 [Undergraduate Research Assistant](#), Arizona State University  
Advisors: Gail-Joon Ahn, Adam Doupé, Ziming Zhao

## TEACHING

---

- OUTREACH 2016 [Course Designer](#), First Gen Scientists  
Developed introductory computer science course serving at-risk children from under-served communities
- UNIVERSITY 2017 [Undergraduate Teaching Assistant](#), Arizona State University  
CSE220: Programming for Computer Engineering
- 2016 [Undergraduate Teaching Assistant](#), Arizona State University  
CSE240: Introduction to Programming Languages
- 2014 [Undergraduate Teaching Assistant](#), Arizona State University  
CSE110: Introduction to Programming