

RESEARCH INTERESTS	Security, Applied Cryptology, Algorithms and Social Networking	
EDUCATION	<i>Ph.D.</i> , Computer Science	Advisor: Elaine Shi
	University of Maryland, College Park, MD	Expected May 2017 GPA: 3.93/4.0
	<i>M.S.</i> , Computer Science	Advisor: Sibel Adali
	Rensselaer Polytechnic Institute (RPI), Troy, NY	May 2013 GPA: 3.88/4.0
RESEARCH	<i>B.E. with Honors</i> , Electrical Engineering	June 2010
	Elite Class of Electrical Engineering (Chien-Shiung Wu College)	
	Southeast University, Nanjing, China	GPA: 3.7/4.0
	Research Assistant Department of Computer Science, UMD	Mar. 2014 – Present
PUBLICATIONS	<i>Differentially Private Streaming Mechanism</i>	
	<ul style="list-style-type: none"> Conduct mechanism designs that are differentially private in the streaming setting. 	
	<i>Abstraction of Streaming Authenticated Data Structures</i>	
	<ul style="list-style-type: none"> Constructed an abstraction of the Data Structures to render it applicable to various instantiations. Developed and implemented a practical instantiation of the scheme. 	
	Research Assistant Department of Computer Science, RPI	Sept. 2010 – May 2013
	<i>General Triadic Balance and Convergence Model in Social Networks</i>	
	<ul style="list-style-type: none"> Proposed an extended balance theory on General Triadic Balance and Convergence Model in Social Networks. Applied the proposed extended balance theory to mathematically justify some well-observed social network phenomena. Experimentally tested the theory in predicting edge signs on real social network datasets. 	
	<i>Provenance based Trust Reasoning</i>	
	<ul style="list-style-type: none"> Designed a provenance based trust reasoning mechanism. 	
	Streaming Authenticated Data Structures: Abstraction and Implementation. <i>CCSW</i> , Pages 129-139, 2014.	
TEACHING	Foundations of Trust and Distrust in Networks: Extended Structural Balance Theory. <i>ACM Transactions on the Web (TWEB)</i> , Volume 8 Issue 3, June 2014.	
	Extended Structural Balance Theory for Modeling Trust in Social Networks. <i>Eleventh International Conference on Privacy, Security and Trust</i> , Spain. 2013.	
	Extended Balance Theory and Convergence Model in Social Networks. <i>Master Thesis</i> , RPI, Troy NY. 2013.	
	A Unified Framework for Trust in Composite Networks. <i>Proceedings of 14th International Workshop on Trust in Agent</i> , Tapei, Taiwan. 2011.	
HONOURS AND AWARDS	Teaching Assistant Department of Computer Science, UMD	Sept. 2013 – Sept. 2014
	<i>Discrete Structure, Organization of Programming Languages</i>	
PRESENTATIONS	<ul style="list-style-type: none"> Gave lectures and led discussions on problems weekly. 	
	Teaching Assistant Department of Computer Science, RPI	Spring 2012, Spring 2013
SKILLS	<i>Computer Algorithm, Foundation of Computer Science</i>	
	Dean Fellowship, University of Maryland College Park	Sept. 2013-Sept. 2014
	Outstanding Undergraduate Thesis Award, Southeast University	July 2010
SKILLS	University-level Scholarships, Southeast University	Sept. 2006-July 2010
	ACM Workshop on Cloud Computing Security, Scottsdale, Arizona	Nov. 2014
SKILLS	Java, Python, C, C++, Ruby, OCaml, Prolog, Matlab, Linux shell scripting, \LaTeX 2 _ε .	