

EDUCATION

- **The Pennsylvania State University - Schreyer Honors College** University Park, PA
Bachelor of Science in Security and Risk Analysis Jun. 2014 – May 2018

EXPERIENCE

- **EPFL: Laboratory for Communication and Applications** Lausanne, Switzerland
Contractor - Advised by Dr. Jean-Pierre Hubaux Spring 2018
 - Leading the implementation of an anonymous communication protocol with provable traffic-analysis resistance.
- **Center for Cyber-Security, Information Privacy, and Trust** University Park, PA
Research Assistant - Advised by Dr. Peng Liu, Dr. Xinyu Xing, and Dr. Dinghao Wu Spring 2016 - Spring 2018
 - Researched challenges associated to the reproduction of vulnerabilities, a new deep learning approach to facilitate postmortem analyses, and measuring the effectiveness of Moving Target Defenses.
- **EPFL: Decentralized and Distributed Systems Lab (DeDiS)** Lausanne, Switzerland
Research Assistant - Advised by Dr. Bryan Ford June 2017 - September 2017
 - Researched the challenges (technical, organizational, legal) in protecting humanitarian data and workers. Also developed *Go* wrapper for the RELIC cryptographic library.
- **Microsoft Corporation** Redmond, WA
Software Engineer - Connected Devices Team May 2016 - August 2016
 - Co-developed an app which allows users in spatial proximity to create chat rooms and send text/files by leveraging a decentralized p2p protocol.
- **Center for Human Computer Interaction** University Park, PA
Developer - Advised by Dr. John M. Carroll & Dr. Ben Hanrahan Spring 2016
 - Co-developed a ride-sharing app (iOS/Android) and the 2016 Arts Festival State College (iOS) app.
- **PricewaterhouseCoopers LLC** Philadelphia, PA
Consultant - Advisory June 2015 - Aug. 2015
 - Revised legal documentation and proposed solutions to operational challenges for a company-wide human capital strategy shift.

TEACHING & UNIVERSITY INVOLVEMENT

- **The Pennsylvania State University** University Park, PA
Teaching Assistant - Advised by Dr. Anna Squicciarini Fall 2017
 - Co-designed the first offering of DS300: "Privacy And Security for Data Sciences". Selected topics, designed assignments and exams, and coached students.
- **Schreyer Honors College** University Park, PA
Scholar Assistant Fall 2015 - Spring 2017
 - Organized ~15 events per semester for over 1200 students and directed a student group of 80 members.

PUBLICATIONS

- **On Enforcing the Digital Immunity of a Large Humanitarian Organization.** Le Blond, S., Cuevas, A., Troncoso-Pastoriza, J., Jovanovic, P., Ford, B., Hubaux, J. *IEEE Symposium on Security & Privacy*, San Francisco, US, May 2018.
- **Understanding the Reproducibility of Crowd-reported Security Vulnerabilities.** Mu, D., Cuevas, A., Yang, L., Hu, H., Xing, X., Mao, B., Wang, G. *USENIX Security Symposium*, Baltimore, US, August 2018.