

# Anne Kohlbrenner

akohlbrenner@princeton.edu

## EDUCATION

- **Princeton University:** Princeton, NJ | 2019 -
  - PhD student in Computer Science, Center for Information Technology Policy
- **Carnegie Mellon University:** Pittsburgh, PA | 2015 - 2019
  - Bachelor of Science in Computer Science, double major in Philosophy
  - GPA: 3.56
  - Phi Beta Kappa

## RESEARCH

- **Internet Measurement of Disinformation Consumption:** advised by Jonathan Mayer (2019)
- **Auditable Network Function Management:** with Professors Justine Sherry and Bryan Parno, creating a system to provide assurances about network functions running inside a network (2018-2019)
- **IBM Research** in Yorktown Heights, NY (May-August 2017)
  - Developed a filesystem-level security project as an intern in the Cognitive Cybersecurity Intelligence (CCSI) group
- **Raytheon SI Government Solutions** in Arlington, VA (May-August 2016)
  - Created automated software package to collect information about nearby Bluetooth devices. Included writing a Python library to interface with hardware devices
- **Future Cyber Leaders program** run by the Business-Higher Education Forum (May-August 2016)

## POSTERS AND PUBLICATIONS

- **Hidden in Plain Sight: Filesystem View Separation for Data Integrity and Deception** at DIMVA 2018
  - Paper based on work done as an intern at IBM Research during summer of 2017
- **Hidden in Plain Sight: A Filesystem for Data Integrity and Confidentiality** at ACM CCS 2017 in Dallas
  - Poster based on work done as an intern at IBM Research during summer of 2017

## RELATED EXPERIENCE

- **Instructor for 15-122 (intro CS course):** Taught lectures, managed TA staff, created exams and course material, held office hours, graded assignments (Summer 2019)
- **TA for 15-122:** Taught recitations, led labs, held office hours, coordinated TAs, graded assignments (Spring 2017 - Spring 2019)
  - Head TA Summer 2018 included teaching one of the lectures and managing 9 TAs
  - One of three lead TAs Spring and Fall 2018 and Spring 2019 included coordinating TAs and making course decisions
- **Microsoft Build The Shield (BTS) Finals:** In a team of four, qualified for and completed Microsoft's BTS capture the flag finals round in Redmond, WA in February 2016

## AWARDS AND ACTIVITIES

- **Andrew Carnegie Society (ACS) Scholar 2019:** award given to 40 graduating seniors
- **SCS Day Planning Committee 2015-2019:** Coordination of CMU's annual SCS Day, including a talent show and art gallery. My roles were to plan and order food, communicate with organizations providing entertainment, screen performers, and manage crowds during the event.
- **Academic Review Board:** 2018-2019: Member on CMU's board reviewing cases of suspected academic integrity violations as well as disciplinary events
- **President of StuCo Executive Committee 2017-2018:** Overseeing CMU's 35+ student-taught courses, including interviewing potential teachers and communicating with the course registrar