

# MAGGIE OATES

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## EDUCATION

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### **Carnegie Mellon University, PhD Student**

*Societal Computing PhD, Institute for Software Research*

Research Interests: Usable Privacy and Security, Authentication, Tech & Art

Started August 2017

*Pittsburgh, PA*

### **Indiana University, BS in Computer Science**

*Concentration: Artificial Intelligence*

Minors: Mathematics, Linguistics, International Studies

May 2017

*Bloomington, IN*

## PUBLICATIONS

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**Maggie Oates**, Yama Ahmadullah, Abigail Marsh, Chelse Swoopes, Shikun Zhang, Rebecca Balebako, and Lorrie Faith Cranor. “Turtles, Locks, and Bathrooms: Understanding Mental Models of Privacy Through Illustration.” In *Proceedings on Privacy Enhancing Technologies (PETS '18)*, 2018. **Best Student Paper Award**.

Jessica Colnago, Summer Devlin, **Maggie Oates**, Chelse Swoopes, Lujo Bauer, Lorrie Cranor, and Nicolas Christin. “It’s Not Actually That Horrible”: Exploring Adoption of Two-Factor Authentication at a University”, In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems*, ACM, 2018.

Hana Habib, Pardis Emami Naeini, Summer Devlin, **Maggie Oates**, Chelse Swoopes, Lujo Bauer, Nicolas Christin, and Lorrie Faith Cranor. “User Behaviors and Attitudes Under Password Expiration Policies.” In *Proceedings of the Fourteenth Symposium on Usable Privacy and Security (SOUPS'18)*. 2018.

## EXPERIENCE

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### **Robotics Institute Summer Scholar**

*Carnegie Mellon University*

Summer 2016

*Pittsburgh, PA*

- Contributed to a ground robot for automated plant phenotyping as part of the ARPA-E TERRA program
- Integrated a stereo camera and developed a vision algorithm for plant stalk detection in challenging field conditions

### **Undergraduate Instructor**

*Indiana University*

Dec 2015 - May 2017

*Bloomington, IN*

- Developed and taught weekly lab curriculum for Intro to CS and Data Structures courses

### **Social Computing Researcher**

*Indiana University*

Dec 2014 - Dec 2015

*Bloomington, IN*

- Studied the sociotechnical impact of character encoding on searchability for minority groups
- Awarded 2<sup>nd</sup> Overall at the IU Computer Science Research Symposium

### **Technology Analyst Intern**

*JPMorgan Chase & Co*

Summer 2015

*Chicago, IL*

- Contributed to a greenfield Java web application on a team of 11

### **Resident Assistant & Diversity Educator**

*Indiana University*

Aug 2014 - Dec 2015

*Bloomington, IN*

- Facilitated educational programs to educate 1000 students & staff on diversity & inclusion topics (2014)
- Supported a floor of 50 women in STEM (2015) in academic & community development

### **Field Intern**

*Freedom Indiana*

Fall 2013 - 2014

*Bloomington, IN*

- Mobilized over 400 local volunteers in a grassroots campaign against anti-LGBTQ legislation

## SERVICE

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<b>AnitaB.org Board of Trustees</b> <i>Student Board Member</i>	Oct 2017 -
<b>Graduate Student Association</b> <i>Student Senate Representative</i>	Aug 2017 -
<b>Ethics for Technologists</b> <i>Organizer</i>	Fall 2018
<b>Science &amp; Technology Studies Reading Group</b> <i>Organizer</i>	Summer 2018
<b>Board of Aeons</b> <i>Undergraduate student advisor to Indiana University President McRobbie</i>	June 2016 - May 2017
<b>FIRST Lego Robotics Co-Coach</b>	June - Dec 2015
<b>Indiana University Sexual Violence Prevention Taskforce</b>	Fall 2015
<b>International Collegiate Programming Competition</b>	Fall 2014
<b>Indiana University Student Assoc.</b> <i>Speaker of the House, Senate Member</i>	Fall 2014 - Dec 2016

## **FELLOWSHIPS & SCHOLARSHIPS**

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<b>CyLab Presidential Fellowship</b>	2018/2019
<b>Interactive Intelligence Corporate Partner Scholarship</b>	2016
<b>National Merit Scholar</b>	2013

## **BACKGROUND**

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<b>Tools</b>	C, Python, C++, Racket (Scheme), OpenCV, ROS, bash
<b>Courses</b>	AI for Social Good, Experimental Design, Empirical Methods, Privacy Policy Law & Technology
<b>Conferences</b>	Grace Hopper, Privacy Law Scholars, Allied Media
<b>Miscs</b>	Embroidery, Rugby, Cats