

Seeking: research collaborations, summer internship in tech policy, privacy, or security

hone1111111234

MAGGIE OATES

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EDUCATION

Carnegie Mellon University, PhD Student

Societal Computing PhD, Institute for Software Research

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

Started August 2017

Pittsburgh, PA

Indiana University, BS in Computer Science

Concentration: Artificial Intelligence

Minors: Mathematics, Linguistics, International Studies

May 2017

Bloomington, IN

EXPERIENCE

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 2nd 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
- Used tools such as Java, Oracle SQL, Spring, Hibernate, Thymeleaf, batch scripting

Resident Assistant & CommUnity 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

LEADERSHIP

Anita Borg Institute Board of Trustees

Student Board Member

Oct 2017 -

Board of Aeons

Served as one of 14 undergraduate student advisors to Indiana University President McRobbie

June 2016 - May 2017

FIRST Lego Robotics Co-Coach

June - Dec 2015

Indiana University Sexual Violence Prevention Taskforce

Fall 2015

International Collegiate Programming Competition

Fall 2014

Indiana University Student Assoc.

Speaker of the House, Senate Member

Fall 2014 - Dec 2016

TECHNICAL BACKGROUND

Tools

C, Python, C++, Racket (Scheme), OpenCV, ROS, bash

Conferences

GHC 2013, Out4Undergrad 2014-16, OURCS 2016, Allied Media Conference 2017

Papers In Submission

Exploring Adoption of Two-Factor Authentication at a University

"I Have Three that I Rotate": Behaviors and Attitudes toward Password Expiration