

# Michelle Aninye

**Research Interests:** Usable Security & Privacy;  
Human-Computer Interaction; Technology & Policy

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## EDUCATION

**Ph.D. in Computer Science** 2019-  
University of Chicago, *Chicago, IL*

**B.S. in Cybersecurity** 2019  
Kennesaw State University, *Kennesaw, GA*  
Thesis: "Security Contingency Planning: Private Recovery and Public Response"  
Thesis Advisor: Humayun Zafar

## WORK EXPERIENCE

**Graduate Research Assistant** 2019-  
University of Chicago, *Chicago, IL*

- Research assistant in the SUPERgroup
- Studying interactions between marginalized groups of people and computers
- Conducting qualitative analyses to design computer systems

**Security, Privacy, and Compliance Intern** 2019  
Cisco Systems, *Raleigh, NC*

- Devised a framework to chart CCPA requirements to customer objectives
- Consolidated initial compliance assessment process by 90%
- Quantified results from analysis of vulnerabilities to provide business recommendations

**Security Software Engineer Intern** 2018  
Cisco Systems, *Richardson, TX*

- Developed a desktop utility to automate the upgrade process of 60 devices
- Introduced a tool for customers to inspect the status of 100,000 switches remotely
- Earned the Cisco Security Ninja Green Belt

**Information Security Tools Analyst Intern** 2017  
CNN, *Atlanta, GA*

- Configured phones and computers for journalists traveling abroad to ensure security
- Mapped 30,000 external facing IP addresses and coordinated the mitigation of all vulnerabilities
- Investigated security alerts for potential threats

**Systems Security Engineer Intern** 2017  
The Boeing Company, *Seattle, WA*

- Authored an avionic cybersecurity requirements document for customer handoff
- Designed a program to autonomize the security log analysis of 10,000 planes
- Evaluated the security of proposed plane systems and tested software for vulnerabilities

## TEACHING EXPERIENCE

- Teaching Assistant** 2018–2019  
College of Computing and Software Engineering, Kennesaw State University
- Led four lab sections of Programming and Problem Solving I and C++ Programming for Engineers
  - Explained concepts using planned labs, review sessions, and discussions for 80 students a course
- Lab Assistant** 2018-2019  
College of Computing and Software Engineering, Kennesaw State University
- Assisted in two lab sections of Computer Organization and Architecture and Data Structures
  - Graded lab assignments, homework assignments, and exams
  - Organized bi-weekly review sessions for 20 students
- Advisor** 2016-2017  
Matriculate
- Hosted a programming camp for 30 children and taught C++ through games
  - Mentored five high school students through the college application process

## UNIVERSITY SERVICE

- Senator** 2015-2018  
National Society of Black Engineers, *Kennesaw State University*
- Represented the chapter at regional and national events and conferences
  - Volunteered at local elementary schools to provide tutoring in science and math courses
  - Organized an annual holiday toy drive and collected over 250 toys for the local Children’s Hospital
- Division I Athlete** 2015-2017  
NCAA Lacrosse, *Howard University*
- Committed approximately 40 hours per week to training, meetings, travel, and competitions while maintaining full course load
  - Led tours of facilities for prospective student-athletes
  - Selected as the team representative on the Student-Athlete Advisory Committee
  - Named Rookie of the Year in 2016

## HONORS AND AWARDS

- Daniel’s Fellowship 2019  
Bloomberg and NCWIT Grace Hopper Travel Grant 2018  
Golden Key Honor Award 2018  
Academic Scholarship, Kennesaw State University 2018  
Twitter Develop H.E.R. Scholar 2017  
Google at NSBE Code Success Scholarship 2016  
Academic Scholarship, Howard University 2015  
2<sup>nd</sup> Place U.S. Patent Office Design Competition 2015  
United States Lacrosse Academic All-American 2015