

# Alexandra Nisenoff

nisenoff@cmu.edu | anisenoff.github.io

## EDUCATION

### Carnegie Mellon University

*Ph.D. student, Societal Computing*

*Advisors: Nicolas Christin and Lorrie Faith Cranor*

*GPA: 4.0*

August 2022 — Present

Pittsburgh, PA

### University of Chicago, Summa Cum Laude

*B.S. in Computer Science (specialization in computer security)*

*B.A. Astrophysics*

*GPA: 3.737*

September 2017 — June 2021

Chicago, IL

## RESEARCH

### Carnegie Mellon University, Software and Societal Systems Department

*Research Assistant for Prof. Lorrie Faith Cranor and Prof. Nicolas Christin*

August 2022 — Present

Pittsburgh, PA

### University of Chicago, Department of Computer Science, SUPERgroup

*Research Assistant for Prof. Blase Ur*

July 2019 — August 2022

Chicago, IL

### University of Chicago, Data Science Institute

*Research Assistant for Prof. Nick Feamster*

August 2020 — July 2022

Chicago, IL

### Max Planck Institute for Security and Privacy

*Human Factors in Security and Privacy Group*

*Research Assistant for Prof. Yasemin Acar*

June 2021 — September 2021

Remote

### University of Chicago, Department of Astronomy and Astrophysics

*Research Assistant for Prof. Vikram Dwarkadas*

October 2019 — December 2021

Chicago, IL

### University of Chicago, Department of Geophysical Sciences

*Lab Technician for Prof. Elisabeth Moyer*

June 2018 — March 2019

Chicago, IL

## PRESENTATIONS & PUBLICATIONS

### Peer-Reviewed

- **Alexandra Nisenoff**, Arthur Borem, Madison Pickering, Grant Nakanishi, Maya Thumpasery, and Blase Ur. *Defining “Broken”: User Experiences and Remediation Tactics When Ad-Blocking or Tracking-Protection Tools Break a Website’s User Experience*. Proceedings of the 32nd USENIX Security Symposium. Anaheim, CA, August 2023.
- **Alexandra Nisenoff**, Ranya Sharma, Nick Feamster. *User Awareness and Behaviors Concerning Encrypted DNS Settings in Web Browsers*. Proceedings of the 32nd USENIX Security Symposium. Anaheim, CA, August 2023.
- Elijah Bouma-Sims, Megan Li, Yanzi Lin, Adia Sakura-Lemessy, **Alexandra Nisenoff**, Ellie Young, Eleanor Birrell, Lorrie Faith Cranor, and Hana Habib. *A US-UK Usability Evaluation of Consent Management Platform Cookie Consent Interface Design on Desktop and Mobile*. Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI). Hamburg, Germany. April 2023.
- Collins Munyendo, Philipp Markert, **Alexandra Nisenoff**, Miles Grant, Elena Korkes, Blase Ur, Adam Aviv. *“The Same PIN, Just Longer:” On the (In)Security of Upgrading PINs from 4 to 6 Digits*. Proceedings of the 31st USENIX Security Symposium. Boston, MA, August 2022.

### Workshops & Other

- **Alexandra Nisenoff**, Nick Feamster, Madeleine A Hoofnagle, Sydney Zink. *User Expectations and Understanding of Encrypted DNS Settings*. In *Network and Distributed Security Symposium Workshop on DNS Privacy*, pp. 1-8, Virtual. February 2021.
- **Alexandra Nisenoff**, Vikram V. Dwarkadas, Mathias C. Ross. *Supernova X-Ray Database (SNaX) Updated to Ensure Long-term Stability*. 2020 Res. Notes AAS 4 195.

### Under Review

- **Alexandra Nisenoff**, Maximilian Golla, Miranda Wei, Juliette Hainline, Hayley Szymanek, Annika Braun, Annika Hildebrandt, Blair Christensen, David Langenberg, and Blase Ur. *A Two-Decade Retrospective Analysis of a University's Vulnerability to Attacks Exploiting Reused Passwords*.

## FELLOWSHIPS & GRANTS

<b>Grant to CRA-WP Grad Cohort for Women</b>	2023
<b>National Science Foundation Graduate Research Fellowship</b>	2022
<b>Dean's Fund Grant</b> , \$1,500 UChicago grant for research expenses	2020
<b>Jeff Metcalf Fellowship Grant</b> , \$3,750 UChicago grant for summer internships	2020
<b>Diversity Grant to USENIX Enigma</b>	2020

## AWARDS

<b>Departmental Honors</b> (Computer Science)	2021
<b>Harper Award for Exceptional Performance in a Course</b> , Engineering Interactive Electronics onto Printed Circuit Boards	2021
<b>Enrico Fermi Scholar</b> , GPA in top 5% of major over past 5 years (only eligible 3rd and 4th year of college)	2020 & 2021
<b>Dean's List</b>	2017 — 2020

## SERVICE

<b>PopETs Artifact Review Committee Member</b>	2023
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## TEACHING

<b>Head Teaching Assistant, Carnegie Mellon University</b>	2023
<i>05-436/05-836/17-334/17-734/19-534/19-734: Usable Privacy &amp; Security ('23: 61 students)</i>	
<b>Teaching Assistant, University of Chicago</b>	2021 & 2022
<i>CMSC 23200/CMSC 33250: Introduction to Computer Security ('21: 86 students, '22: 109 students)</i>	

## ACTIVITIES & OUTREACH

<b>OurCS – Carnegie Mellon University</b>	<b>October 2022</b>
<i>Graduate Student Mentor</i>	
<ul style="list-style-type: none"> <li>• Worked with another PhD student to run a two day mini research project for female undergrads on cookie consent categories</li> </ul>	
<b>Graduate Application Support (GASP) Program – CMU School of Computer Science</b>	<b>November 2022</b>
<i>Graduate Student Mentor</i>	
<ul style="list-style-type: none"> <li>• Provided feedback on grad school application materials and answered questions about the grad school application process</li> </ul>	
<b>Expanding Your Horizons Chicago</b>	<b>August 2019 — March 2022</b>
<i>Organizing Committee Member</i>	
<ul style="list-style-type: none"> <li>• Organized student recruitment for annual STEM symposium for middle school girls</li> </ul>	
<b>College Core Tutor Program – University of Chicago</b>	<b>January 2020 — March 2020</b>
<i>Peer Tutor</i>	
<ul style="list-style-type: none"> <li>• Assisted 5-10 students per session with introductory computer science classes in Python, C, and Typed Racket</li> </ul>	

## SKILLS

<b>Programming</b>	<b>Proficient:</b> Python, C, LabVIEW, and IDL
	<b>Experienced:</b> JavaScript, PHP, HTML/CSS, and R
<b>Applications</b>	Adobe Lightroom, Qualtrics, and L <sup>A</sup> T <sub>E</sub> X