

Alexandra Nisenoff

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EDUCATION

Carnegie Mellon University

Ph.D. student, Societal Computing, School of Computer Science

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. Nicolas Christin and Prof. Lorrie Faith Cranor

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**, 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*. Proceedings of the 32nd USENIX Security Symposium. Anaheim, CA, August 2023.
- **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.

FELLOWSHIPS & GRANTS

Scholarship to Grad Cohort Workshop	2023
National Science Foundation Graduate Research Fellowship	2022
Dean's Fund Grant , \$1,500 UChicago grant for research expenses	2020
Jeff Metcalf Fellowship Grant , \$3,750 UChicago grant for summer internships	2020
Diversity Grant to USENIX Enigma	2020

AWARDS

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

SERVICE

PoPETs Artifact Review Committee Member	2023
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TEACHING

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

ACTIVITIES & OUTREACH

OurCS – Carnegie Mellon University	October 2022
<i>Graduate Student Mentor</i>	<i>Pittsburgh, PA</i>
• Worked with another PhD student to run a two day mini research project for female undergrads on cookie consent categories	
Graduate Application Support (GASP) Program – CMU School of Computer Science	November 2022
<i>Graduate Student Mentor</i>	<i>Pittsburgh, PA</i>
• Provided feedback on grad school application materials and answered questions about the grad school application process	
Expanding Your Horizons Chicago	August 2019 — March 2022
<i>Organizing Committee Member</i>	<i>Chicago, IL</i>
• Organized student recruitment for annual STEM symposium for middle school girls	
College Core Tutor Program – University of Chicago	January 2020 — March 2020
<i>Peer Tutor</i>	<i>Chicago, IL</i>
• Assisted 5-10 students per session with introductory computer science classes in Python, C, and Typed Racket	

SKILLS

Programming	Proficient: Python, C, LabVIEW, and IDL Experienced: JavaScript, PHP, HTML/CSS, and R
Applications	Adobe Lightroom, Qualtrics, and \LaTeX