## Yixin Zou

yixin.zou@mpi-sp.org · yixinzou.github.io

#### Research interests

My research interests lie at the intersection of human-computer interaction, privacy, and security. I work on developing approaches that help consumers better adopt protective behaviors in the face of privacy and security threats, as well as understanding the unique barriers faced by marginalized/vulnerable populations in protecting themselves.

## **Employments**

## Since 2023 **Tenure-Track Faculty Member**

Max Planck Institute for Security and Privacy | Bochum, Germany

#### 2022 **Postdoctoral Fellow**

University of Michigan, School of Information | Ann Arbor, MI, United States

#### 2017 - 2022 Graduate Student Research Assistant

University of Michigan, School of Information | Ann Arbor, MI, United States

## 2020 UX Research Intern, Privacy & Data Use

Meta (formerly known as Facebook) | Remote

### 2019 Research Intern, NortonLifeLock Research Group

NortonLifeLock (formerly known as Symantec) | Culver City, CA

#### 2019 UX Research Intern, Firefox Monitor

Mozilla | Remote

### Education

#### 2022 **Ph.D. in Information**, University of Michigan

Dissertation: Understanding and Improving Consumers' Adoption of Online Privacy-Protective Behaviors

Committee: Florian Schaub (chair), Tawanna Dillahunt, Denise Anthony, Alessandro Acquisti (Carnegie Mellon University), Adam Aviv (The George Washington University)

2017 **B.Sc. in Advertising**, University of Illinois at Urbana-Champaign

Graduated with the Highest Honor (top 5% in the College of Media)

#### Honors & Awards

#### 2022 John Karat Usable Privacy and Security Student Research Award

Awarded annually to the top graduate student in usable security and privacy.

### 2021 Privacy Papers for Policymakers: Student Paper Honorable Mention

Awarded by the Future of Privacy Forum. For "It's a scavenger hunt": Usability of Websites' Opt-Out and Data Deletion Choices.

#### 2020 CHI Best Paper Honorable Mention

For Examining the Adoption and Abandonment of Security, Privacy, and Identity Theft Protection Practices.

#### 2019 CHI Best Paper Honorable Mention

For Putting Your Warning Where Your Link Is: Improving and Evaluating Email Phishing Warnings.

### 2018 SOUPS Distinguished Paper Award

For "I've Got Nothing to Lose": Consumers' Risk Perceptions and Protective Actions after the Equifax Data Breach.

## **Funding**

Grants

#### 2023 Predictors of Privacy Preferences in Social Virtual Reality

Meta Research Award, Co-PI with Anupam Das (PI, North Carolina State University) and Yaxing Yao (Co-PI, University of Maryland-Baltimore County). \$100,000.

**Fellowships** 

## 2021 Finalist, Facebook Fellowship

Among the top 3.5% of about 2,100 applicants worldwide.

### 2020 Finalist, Facebook Fellowship

Among the top 4% of about 1,800 applicants worldwide.

## 2019 NortonLifeLock Fellowship

One of the three recipients selected worldwide. \$20,000.

#### **Publications**

Conferences are the top-tier academic publishing venues in computer science and information science (CS/IS). Thus, the majority of my research is published in CS/IS conference proceedings.

\* co-first authorship.

Journal Articles and Conference Proceedings (Heavily Peer-reviewed)

## [C14] Digital Security — A Question of Perspective. A Large-Scale Telephone Survey with Four At-Risk User Groups

Franziska Herbert, Steffen Becker, Annalina Buckmann, Marvin Kowalewski, Jonas Hielscher, Yasemin Acar, Markus Dürmuth, <u>Yixin Zou</u>, Angela Sasse IEEE Symposium on Security and Privacy (Oakland). 2024.

## [J5] Cross-Contextual Examination of Older Adults' Privacy Concerns, Behaviors, and Vulnerabilities

<u>Yixin Zou</u>, Kaiwen Sun, Tanisha Afnan, Ruba Abu-Salma, Robin Brewer, Florian Schaub Proceedings on Privacy Enhancing Technologies (PoPETs). 2024.

#### [J4] Awareness, Intention, (In)Action: Individuals' Reactions to Data Breaches

Peter Mayer, <u>Yixin Zou</u>, Byron Lowens, Hunter Dyer, Khue Le, Florian Schaub, Adam J. Aviv ACM Transactions on Computer-Human Interaction (TOCHI). 2023.

https://doi.org/10.1145/3589958

Extended version of [C10].

## [C13] Aunties, Strangers, and the FBI: Online Privacy Concerns and Experiences of Muslim-American Women

Tanisha Afnan, <u>Yixin Zou</u>, Maryam Mustafa, Mustafa Naseem, Florian Schaub Symposium on Usable Privacy and Security (SOUPS). 2022. https://www.usenix.org/system/files/soups2022-afnan.pdf

#### [C12] Trauma-Informed Computing: Towards Safer Technology Experiences for All

Janet Chen\*, Allison McDonald\*, <a href="Yixin Zou">Yixin Zou</a>\*, Emily Tseng, Kevin Roundy, Acar Tamersoy, Florian Schaub, Thomas Ristenpart, Nicola Dell

ACM Conference on Human Factors in Computing Systems (CHI). 2022.

https://doi.org/10.1145/3491102.3517475

## [C11] The Role of Computer Security Customer Support in Helping Survivors of Intimate Partner Violence

<u>Yixin Zou</u>, Allison McDonald, Julia Narakornpichit, Nicola Dell, Thomas Ristenpart, Kevin Roundy, Florian Schaub, Acar Tamersoy

USENIX Security Symposium. 2021.

https://www.usenix.org/system/files/sec21-zou.pdf

## [C10] "Now I'm a bit angry:" Individuals' Awareness, Perception, and Responses to Data Breaches that Affected Them

Peter Mayer\*, <u>Yixin Zou\*</u>, Florian Schaub, Adam J. Aviv USENIX Security Symposium. 2021.

https://www.usenix.org/system/files/sec21-mayer.pdf

Also presented at FTC PrivacyCon 2021.

## [C9] Toggles, Dollar Signs, And Triangles: How to (In)Effectively Convey Privacy Choices with Icons and Link Texts

Hana Habib\*, <u>Yixin Zou\*</u>, Yaxing Yao, Alessandro Acquisti, Lorrie Faith Cranor, Joel Reidenberg, Norman Sadeh, Florian Schaub

ACM Conference on Human Factors in Computing Systems (CHI). 2021.

https://doi.org/10.1145/3411764.3445387

Icon recommendation adopted into the California Consumer Privacy Act (CCPA) regulations.

### [J3] Child Safety in the Smart Home: Parents' Perceptions, Needs, and Mitigation Strategies

Kaiwen Sun, <u>Yixin Zou</u>, Jenny Radesky, Christopher Brooks, Florian Schaub

Proceedings of the ACM on Human-Computer Interaction, 5(CSCW2), 471:1–471:41. 2021.

https://doi.org/10.1145/3479858

Also presented at FTC PrivacyCon 2022.

# [C8] Examining the Adoption and Abandonment of Security, Privacy, and Identity Theft Protection Practices

<u>Yixin Zou</u>, Kevin Roundy, Acar Tamersoy, Saurabh Shintre, Johann Roturier, Florian Schaub ACM Conference on Human Factors in Computing Systems (CHI). 2020.

https://doi.org/10.1145/3313831.3376570

CHI Best Paper Honorable Mention Award. Also presented at FTC PrivacyCon 2020.

[C7] "It's a scavenger hunt": Usability of Websites' Opt-Out and Data Deletion Choices 🧣



Hana Habib, Sarah Pearman, Jiamin Wang, Yixin Zou, Alessandro Acquisti, Lorrie Faith Cranor, Norman Sadeh, Florian Schaub

ACM Conference on Human Factors in Computing Systems (CHI). 2020.

https://doi.org/10.1145/3313831.3376511

FPF 2020 Privacy Papers for Policy Makers Student Honorable Mention. Also presented at FTC PrivacyCon 2020.

#### [J2] Listen Only When Spoken To: Interpersonal Communication Cues as Smart Speaker **Privacy Controls**

Abraham H. Mhaidli, Manikandan K. Venkatesh, Yixin Zou, Florian Schaub Proceedings on Privacy Enhancing Technologies (PoPETs), 2020(2), 251-270. 2020. https://doi.org/10.2478/popets-2020-0026

#### [C6] "We Can't Live Without Them!" App Developers' Adoption of Ad Networks and Their **Considerations of Consumer Risks**

Abraham H. Mhaidli, Yixin Zou, Florian Schaub Symposium on Usable Privacy and Security (SOUPS). 2019. https://www.usenix.org/conference/soups2019/presentation/mhaidli

#### [C5] An Empirical Analysis of Data Deletion and Opt-Out Choices on 150 Websites

Hana Habib, Yixin Zou, Aditi Jannu, Neha Sridhar, Chelse Swoopes, Alessandro Acquisti, Lorrie Faith Cranor, Norman Sadeh, Florian Schaub

Symposium on Usable Privacy and Security (SOUPS). 2019.

https://www.usenix.org/conference/soups2019/presentation/habib

Also presented at FTC PrivacyCon 2020.

#### [C4] You 'Might' Be Affected: An Empirical Analysis of Usability Issues in Data Breach **Notifications**

Yixin Zou, Shawn Danino, Kaiwen Sun, Florian Schaub

ACM Conference on Human Factors in Computing Systems (CHI). 2019.

https://doi.org/10.1145/3290605.3300424

Also presented at FTC PrivacyCon 2019.

#### [C3] Put Your Warning Where Your Link Is: Improving and Evaluating Email Phishing Warnings 🖁

Justin Petelka, Yixin Zou, Florian Schaub

ACM Conference on Human Factors in Computing Systems (CHI). 2019.

https://doi.org/10.1145/3290605.3300748

CHI Best Paper Honorable Mention Award.

#### [C2]"I've Got Nothing to Lose": Consumers' Risk Perceptions and Protective Actions after the Equifax Data Breach 🧣

Yixin Zou, Abraham H. Mhaidli, Austin McCall, Florian Schaub

Symposium on Usable Privacy and Security (SOUPS). 2018.

https://www.usenix.org/conference/soups2018/presentation/zou

SOUPS Distinguished Paper Award.

#### [C1] Users' Attitudes towards the "Going Dark" Debate

Aseel Addawood, Yixin Zou, Masooda Bashir

International Conference on Applied Human Factors and Ergonomics. 2017.

https://doi.org/10.1007/978-3-319-60585-2\_28

Magazine Articles (Editor Reviewed)

#### [M1] Beyond Mandatory: Making Data Breach Notifications Useful for Consumers

Yixin Zou, Florian Schaub

IEEE Security & Privacy, 17(2), 67-72. 2019.

https://doi.org/10.1109/MSEC.2019.2897834

Also presented at FTC PrivacyCon 2019.

Workshops and Panels Co-organized

#### [WP1] Bridging the Gap: Towards Advancing Privacy and Accessibility

Rahaf Alharbi, Robin Brewer, Gesu India, Lotus Zhang, Leah Findlater, <u>Yixin Zou</u>, Abigale Stangl ACM SIGACCESS Conference on Computers and Accessibility (ASSETS). 2023.

Workshop Papers and Posters (Lightly Peer-reviewed)

#### [W8] The Portrayal of Children in Smart Home Marketing

Kaiwen Sun, Jingjie Li,  $\underline{\text{Yixin Zou}}$ , Florian Schaub, Chris Brooks.

SOUPS Workshop on Kids' Online Privacy and Safety. 2022.

## [W7] "Now I'm a bit angry:" Individuals' Awareness, Perception, and Responses to Data Breaches that Affected Them

Peter Mayer\*, Yixin Zou\*, Florian Schaub, Adam J. Aviv.

Symposium on Usable Privacy and Security (SOUPS) Poster Session. 2022.

#### [W6] An Empirical Analysis of Online Consent and Opt-Out Experience

Hana Habib, <u>Yixin Zou</u>, Chelse Swoopes, Aditi Jannu, Lorrie Faith Cranor, Florian Schaub. Privacy Law Scholars Conference (PLSC). 2018.

#### [W5] An Empirical Analysis of Website Data Deletion and Opt-Out Choices

Hana Habib, <u>Yixin Zou</u>, Aditi Jannu, Chelse Swoopes, Alessandro Acquisti, Lorrie Faith Cranor, Norman Sadeh, Florian Schaub.

CHI Workshop on General Data Protection Regulation. 2018.

#### [W4] Concern But No Action: Consumers' Reactions to the Equifax Data Breach

Yixin Zou, Florian Schaub.

ACM Conference on Human Factors in Computing Systems (CHI) Late-Breaking Work. 2018.

## [W3] Concern But No Action: Consumers' Reactions to the Equifax Data Breach

Yixin Zou, Florian Schaub

Midwest Security Workshop. 2018.

#### [W2] Really Being There?: Telepresence in Virtual Reality Branded Content.

Jie Shen, M. Stenger, J. Lechowicz, Chen Chen, Rachel Yang, Aparna Sivasankaran, Yanyun Wang, Ji Zhang, Yixin Zou, H. Katz, Michelle R. Nelson

Annual Conference of the Association for Education in Journalism and Mass Communication (AEJMC). 2017.

## [W1] The Impacts of Privacy Hypocrisy, Victim Characterization, Gender, and Context on Bystanders' Guilt Attribution in a Cyberbullying Suicide

Mike Zhengyu Yao, Yixin Zou, Daniel Linz, P. Jaoude

Annual Conference of International Communication Association (ICA). 2017.

#### **Technical Reports**

#### [T3] CCPA Opt-Out Icon Testing - Phase 2

Lorrie Faith Cranor, Hana Habib, Yaxing Yao, <u>Yixin Zou</u>, Alessandro Acquisti, Joel R. Reidenberg, Norman Sadeh, Florian Schaub

Report submitted to the Office of the California Attorney General. 2020.

https://www.oag.ca.gov/sites/all/files/agweb/pdfs/privacy/dns-icon-study-report-052822020.pdf

### [T2] User Testing of the Proposed CCPA Do-Not-Sell Icon

Lorrie Faith Cranor, Hana Habib, <u>Yixin Zou</u>, Alessandro Acquisti, Joel R. Reidenberg, Norman Sadeh, Florian Schaub

Report submitted to the Office of the California Attorney General. 2020.

http://cups.cs.cmu.edu/pubs/CCPA2020Feb24.pdf

# [T1] Design and Evaluation of a Usable Icon and Tagline to Signal an Opt-Out of the Sale of Personal Information as Required by CCPA

Lorrie Faith Cranor, Hana Habib, <u>Yixin Zou</u>, Alessandro Acquisti, Joel R. Reidenberg, Norman Sadeh, Florian Schaub

Report submitted to the Office of the California Attorney General. 2020.

https://oag.ca.gov/sites/all/files/agweb/pdfs/privacy/ccpa-cranor.pdf

## **Teaching Experience**

#### Graduate Student Instructor

#### Fall 2019 SI 501: Contextual Inquiry | University of Michigan

Led two weekly discussion sections, held office hours, and graded assignments. Oversaw ten consulting projects with local clients led by master's students.

4.8 (of 5.0) median rating (37 of 48 students).

#### Fall 2018 SI 110: Introduction to Information | University of Michigan

Led two weekly discussion sections, held office hours, and graded assignments. Also gave a guest lecture on net neutrality and privacy.

4.5 (of 5.0) median rating (20 of 48 students).

#### **Guest Lectures**

The Cornell, Maryland, Max Planck Pre-doctoral Research School | Saarbrücken, Germany Human-Centered Security and Privacy (2 lectures)

2023	SE 17-702: Current Topics in Privacy Seminar   Carnegie Mellon University "Do Notice and Choice Work? A Close Look at Data Breaches" (1 lecture)
2023	COMP 3/4732: Human-Centered Data Security and Privacy   University of Denver "Security and Privacy of Marginalized Populations" (1 lecture)
2021	Law 741-004/SI 605-004: Identity Theft Causes & Countermeasures   University of Michigan "Why most consumers do not take countermeasures against identity theft" (1 lecture)
2019	SI 110: Introduction to Information   University of Michigan "Information and regulation: Net neutrality and privacy" (2 lectures)
	Community-Facing Teaching and Outreach
2022	Phone Classes with Older Adults Collaborated with Clear Computing LLC to deliver classes about smartphone use at the Glacier Hills Senior Living Community. Example topics include navigating accessibility settings, downloading apps and health portals, and using voice commands.
2021	Online Self-Defense Workshops with Older Adults Organized and led a three-week workshop series in partnership with Ann Arbor Senior Center, Chelsea Senior Center, and Saline Senior Center to teach older adults common risks in technology use as well as tools and resources they can use to protect themselves.
	Academic Advising & Mentoring
Since 2023	Ph.D. Students Gabriel Camilo Lima
2023 2023 2023 2023 2023 2023	Research Interns / Visiting Scholars Princessa Cintaqia (Econ. undergraduate, University of Indonesia) Johanna Gunawan (CS Ph.D. student, Northeastern University) Jackie Hu* (B.S. CS + B.A. Spanish Studies, Brigham Young University) Smirity Kaushik (Info. Sci. Ph.D. student, University of Illinois at Urbana-Champaign) Collins Munyendo* (CS Ph.D. student, George Washington University) Xinru Tang (M.S. Informatics, University of California Irvine) * co-advised with Elissa Redmiles
	Other Mentoring Activities
Since 2021 2023-2024	Symposium on Usable Privacy and Security (SOUPS) Mentoring Program University of Passau Women's Mentoring Program
2022 2022 2022 2021-2022 2021-2022 2021-2022	As a Ph.D. Student/Postdoc at University of Michigan Annie Chen (undergraduate, University of Michigan) J.R. Robert Real (Master's student, University of Michigan) Sean Scarnecchia (undergraduate, University of Michigan) Tanisha Afnan (Ph.D. student, University of Michigan) [C13] Janet Chen (Ph.D. student, Cornell University) [C12] Khue (Shay) Le (undergraduate, University of Michigan) [J4]

2018-2022 2021 2021 2021 2019-2020 2019-2020 2018 2018 2018 2018	Kaiwen Sun (Master's → Ph.D. student, University of Michigan) [C4, J3, W8] Cami Goray (Ph.D. student, University of Michigan) Julia Narakornpichit (Master's student, Cornell Tech) [C11] Carlo Sugatan (Master's student, University of Michigan) Michael Ni (undergraduate, University of Michigan) Jamie Lai (undergraduate, University of Michigan) Aditi Jannu (Master's student, Carnegie Mellon University) [C5] Chelse Swoopes (Master's student, Carnegie Mellon University) [C5] Shawn Danino (Master's student, University of Michigan) [C4] Austin McCall (undergraduate, University of Michigan) [C4]
	Service
	Program Committee Chair
2023	Workshop on Usable Security and Privacy (USEC): Co-Chair with Jacob Abbott
2024 2024 2023, 2024	Program Committee Member / Associate Chair / Editorial Board Member PACM HCI Computer-Supported Cooperative Work and Social Computing (CSCW) ACM Conference on Human Factors in Computing Systems (CHI): Privacy & Security Track USENIX Security Symposium
2023	ACM Conference on Fairness, Accountability, and Transparency (FAccT)
2023	ACM Conference on Computer and Communications Security (CCS)
2023	Proceedings on Privacy Enhancing Technologies (PoPETs)
2022	International Symposium on Research in Attacks, Intrusions and Defenses (RAID)
2021	European Symposium on Usable Security (EuroUSEC) ACM CSCW: Posters
2021 2020, 2021	ACM CHI Late Breaking Work
2020, 2021	IEEE PerCom Workshop on Context Systems Design, Evaluation and Optimization
2020	EZZ Tereom working on content by stems Zesign, Zvarauton and optimization
	Other Conference Organizing and Volunteering
2023	Privacy Enhancing Technologies Symposium (PETS): Session Chair; BoFs Co-Chair
2022, 2023	Symposium on Usable Privacy and Security (SOUPS): Publicity Co-Chair
2021	Symposium on Usable Privacy and Security (SOUPS): Posters Junior Co-Chair
	External Reviewer  ACM Conference on Human Factors in Computing Systems (CHI)  ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)  ACM Conference on Designing Interactive Systems (DIS)  ACM Transactions on Computer-Human Interaction (TOCHI)  Behaviour & Information Technology  IEEE Transactions on Dependable and Secure Computing  International Journal of Human-Computer Interaction (IJHCI)  International Journal of Human-Computer Studies (IJHCS)  Journal of Cybersecurity  Journal of the Association for Information Science and Technology (JASIST)  Proceedings on Privacy Enhancing Technologies (PoPETs)

I have also received special recognitions for outstanding reviews at: CSCW 2020, CCS 2023, PoPETs 2023, USENIX Security 2023.

		Internal Service
	2024	CS@Max Planck Internship Program: Co-chair
	2023 2023	CS@Max Planck Doctoral Program: Admission Committee
	2023	Maryland Max Planck Ph.D. Program in Computer Science: Admission Committee
2020	, 2023	CS@Max Planck Internship Program: Selection Committee Core Member Privacy@Michigan Privacy Day Symposium: Co-organizer & Volunteer
2020,	2022	Michigan Interactive and Social Computing Speaker Series: Student Coordinator
2019,	, 2020	University of Michigan Undergraduate Research Opportunity Program: Mentor
		Invited External Talks
	2023	Learning from the People: A Human-Centered Approach to Security and Privacy Research
		Women in Security and Cryptography Workshop, Ruhr University Bochum (Jun 27)
	2023	Cross-Contextual Examination of Older Adults' Privacy Concerns, Behaviors, and Vulnerabilities
		Security and Human Behavior Workshop, Carnegie Mellon University (Jun 15)
	2022	Consumer Reactions to Data Breaches, Deficiencies of Breach Notifications, and
		Opportunities for Intervention
		Max Planck Institute for Security and Privacy, Human and Societal Aspects in Computing
		Interdisciplinary Symposium (Oct 26)
	2022	Improving People's Security and Privacy Behaviors
		Northeastern University, Khoury College of Computer Sciences (Apr 8)
		North Carolina State University, Department of Computer Science (Mar 31)
		Virginia Tech, Department of Computer Science (Mar 29)
		New York University Shanghai, Department of Computer Science (Mar 25)
		Arizona State University, School of Computing and Augmented Intelligence (Mar 21)
		Penn State University, College of Information Sciences and Technology (Mar 17)
		Georgia Tech, School of Interactive Computing (Mar 15)
		CISPA – The Helmholtz Center for Information Security (Mar 9)
		University of Tennessee, School of Information Sciences (Mar 7)
		Max Planck Institute for Security and Privacy (Mar 1)
		University College London, Department of Computer Science (Feb 24)
		Drexel University, College of Computing & Informatics (Feb 22)
		University of Texas at Austin, School of Information (Feb 17)
		Duke University, Department of Computer Science (Feb 14)
		National University of Singapore Singapore, Department of Info Systems & Analytics (Feb 8)
	2021	Consumer Reactions to Data Breaches and Opportunities for Interventions
		Capital-Area Colloquium on Trustworthy and Usable Security/Privacy (CACTUS/P) (Dec 14)
	2021	Improving People's Adoption of Protective Behaviors Against Security & Privacy Risks
		The George Washington University, Usable Security and Privacy Lab (Dec 13)

# 2021 Consumer Reactions to Data Breaches, Deficiencies of Breach Notifications, and Opportunities for Public Policy

The US Federal Trade Commission, Internal Seminar (Nov 3) [w/Florian Schaub]

## 2021 'Now I'm a bit angry:' Individuals' Awareness, Perception, and Responses to Data Breaches that Affected Them

Karlsruhe Institute of Technology, SECUSO Research Group (May 12) [w/ Peter Mayer]

#### 2021 Spyware and Digital Intimate Partner Abuse

University of Michigan, Sexual Assault Prevention and Awareness Center (Mar 24) [w/ Allison McDonald]

## 2020 Examining the Adoption and Abandonment of Security, Privacy, and Identity Theft Protection Practices

The US Federal Trade Commission, PrivacyCon (Jul 21)

## 2019 Lengthy, Vague, and Inactionable: Issues with Data Breach Notifications and Implications for Public Policy

The US Federal Trade Commission, PrivacyCon (Jun 27)

## 2018 Designing Effective and Actionable Data Breach Notices: Implications for Firefox Monitor

Mozilla, Firefox Monitor team (Nov 6) [w/ Florian Schaub]

## Media Coverage

#### 2021 Quoted by WXYZ

TV interview with WXYZ (Detroit ABC affiliate) on the dangers of data breaches and findings from our USENIX Security 2021 paper. Jul 2021.

#### 2021 California Attorney General adopts Privacy Options icon into CCPA

The Privacy Options icon we designed in a CHI 2021 paper has been adopted into the official CCPA regulations through an amendment. Reported on by IAPP and JD Supra. Mar 2021.

#### 2020 Article on data breach notification research

Chicago Policy Review reported on our research in "Data Breach Notifications Are Too Complex." Sep 2020.

#### 2020 Quoted by CIO Dive

Quoted on potential changes of online safety practices during the COVID-19 pandemic in CIO Dive article "The Remote Playbook." Apr 2020.

### 2018 The Equifax data breach study and implications for credit freezes

New York Times and Detroit Free Press quoted our SOUPS 2018 paper in discussing the importance of credit freezes. The Detroit Free Press article was picked up by the Associated Press and subsequently appeared in over 80 regional and local media outlets. Sep 2018.

## Op-Eds

### 2021 An open letter to the U-M community

Co-wrote an op-ed on Michigan Daily (w/ Heeryung Choi, Jane Im, and Cindy Lin) on anti-Asian racism in the United States and in academia. Apr 2021.