

# MONA WANG

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## Education

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### Ph.D. in Computer Science

Graduate Researcher at **Center for Information Technology Policy**  
Advised by **Jonathan Mayer** and **Prateek Mittal**

*Princeton University*

Sep 2020 - present

*Princeton, NJ*

### B.S. in Computer Science

*Stanford University, Concentration in Computer Systems and Security*

Sep 2013 - Dec 2017

*Stanford, CA*

## Publications

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### Network Measurement Methods for Locating and Examining Censorship Devices

*Ramakrishnan Sundara Raman\**, *Mona Wang\**, *Jakub Dalek*, *Jonathan Mayer*, *Roya Ensaifi*

CoNEXT 2022

*\*project co-leads*

### Weaving Privacy and Power: On the Privacy Practices of Labor Organizers in the U.S. Technology Industry

*Sayash Kapoor\**, *Matthew Sun\**, *Mona Wang\**, *Klaudia Jąźwińska*, *Elizabeth Watkins*

ACM CSCW 2022

*\*project co-leads*

### Leveraging Strategic Connection Migration-Powered Traffic Splitting for Privacy

*Mona Wang*, *Anunay Kulshrestha*, *Liang Wang*, *Prateek Mittal*

PoPETS 2022

## Work in Progress

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### MDMs as “Bossware”: How Do Workers Model Surveillance?

*Samantha Dalal*, *Mona Wang*, *Sayash Kapoor*, *Andrés Monroy-Hernández*

2022 - present

### Investigating the Security of WeChat Network Communications and Application Ecosystem

*Mona Wang*, *Pellaeon Lin*, *Jeffrey Knockel*, *Masashi Crete-Nishihata*, *Jonathan Mayer*, *Prateek Mittal*

2022 - present

### Fingerprinting Black-box Perceptual Hash Functions used for Content Censorship

*Anunay Kulshrestha*, *Mona Wang*, *Jonathan Mayer*, *Prateek Mittal*

2022 - present

## Awards and Fellowships

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### IRTF Applied Networking Research Prize

*Network Measurement Methods for Locating and Examining Censorship Devices*

January 2023

<b>ACM CSCW 2022 Impact Recognition Award</b> <i>Weaving Privacy and Power: On the Privacy Practices of Labor Organizers in the U.S. Technology Industry</i>	November 2022
<b>PoPETS 2022 Andreas Pfitzmann Best Student Paper Runner Up</b> <i>Leveraging Strategic Connection Migration-Powered Traffic Splitting for Privacy</i>	July 2022
<b>Open Technology Fund Information Controls Fellowship</b> <i>Investigating the Security of WeChat Network and App Ecosystem</i>	May 2022 - Jan 2023
<b>Princeton Computer Science Graduate Student Teaching Award</b>	Fall 2021
<b>HotPETS Best Talk</b>	July 2021
<b>Gordon Y.S. Wu Fellowship in Engineering</b>	Sep 2020 - present

## Professional Experience

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<b>The Citizen Lab at the University of Toronto</b> <i>Research Fellow</i>	May 2022 - Mar 2023 Toronto, Ontario, Canada
<b>Electronic Frontier Foundation</b> <i>Staff Technologist</i>	Jan 2018 - Jun 2020 San Francisco, CA
<b>Eloquent Labs</b> <i>Part-time Software Engineer</i>	Sep 2016 - Mar 2017 Palo Alto, CA
<b>Dropbox</b> <i>Software Engineering Intern</i>	Summer 2016 New York City, NY
<b>Google</b> <i>Google Chromium for Mac Team, Intern</i>	Summer 2015 Mountain View, CA

## Teaching Experience

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<b>COS 432 (Information Security)</b> <i>Assistant in Instruction and Precept Lecturer</i>	Princeton University Fall 2021, Spr 2022
<b>Open Source Workshop</b> <i>Designer &amp; Host for Full-day Workshop</i>	Stanford ACM, Recurse Center 2018, 2019, 2020
<b>CS 161 (Design and Analysis of Algorithms)</b> <i>Teaching Assistant</i>	Stanford University Summer 2017
<b>CS 155 (Computer and Network Security)</b> <i>Undergraduate Teaching Assistant</i>	Stanford University Fall 2016

## Selected Writing

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<b>Through the Wire</b> <i>Logic Magazine, Issue 18: Pivot</i>	Dec 2022
<b>Understanding and Circumventing Network Censorship</b> <i>Surveillance Self-Defense Learning Module</i>	Apr 2020
<b>Apple's Split Brain: Building Levers for Improved Security or Content Censorship?</b> <i>EFF Deeplinks Blog</i>	Feb 2020
<b>Watering Holes and Million Dollar Dissidents: the Changing Economics of Digital Surveillance</b> <i>EFF Deeplinks Blog</i>	Sep 2019

## Academic Service

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<b>RISE (Research Inclusion Social Event) Organizer</b> Organizing regular monthly discussions on Diversity & Inclusion in the CS department.	Sep 2022 - present
<b>Labor &amp; Tech Reading Group</b> Co-founded bi-weekly reading group focused on global perspectives investigating the evolving relationship between labor studies and technology.	Jan 2022 - present
<b>CITP Research Fair Organizer</b> Organized event to promote collaboration between CITP researchers and the broader Princeton University community.	Oct 2021