

MARTIN SHELTON

Security User Researcher
mshelton@{uci.edu & riseup.net}

RESEARCH INTERESTS

I'm interested user research and digital security, especially concerning the press and at-risk users.

EDUCATION

University of California, Irvine *September 2011 - December 2015*

Ph.D. & M.S. Information & Computer Science · Informatics
Department of Informatics

Santa Clara University *September 2007 - June 2011*

B.S. Psychology · Cum Laude · Social & Cognitive Psychology
Department of Psychology

EXPERIENCE

Google *March 2017 - present*
User Researcher *Bay Area, CA*

- Leading user research on privacy, security, and identity for Google Chrome.

The Freedom of the Press Foundation *September 2018 - present*
Security Research Editor (Contractor) *Bay Area, CA*

- Working with Freedom of the Press on educational security resources for reporters and the public.

The Coral Project, New York Times *March 2016-January 2017*
Knight-Mozilla OpenNews Fellow *New York City, NY*

- Conducted research with media activists and supportive NGOs to learn about how the Coral Project can better support their privacy and security needs.
- Conducted usability studies to improve front-end designs for our online community software.
- Conducted research with security experts on avoiding malware distribution in our media-sharing tools.

Google *Summer 2015*
Privacy & User Experience Research Intern *Mountain View, CA*

- Conducted a study focused on the privacy and security experiences and perspectives of journalists and activists in non-Western countries.

Pew Research Center *Summer 2014*
Data Analytics Intern *Washington D.C.*

- Assisted in the design of surveys examining security and privacy habits among U.S. citizens, as well as investigative journalists.
- Collected and analyzed Twitter and Facebook data to examine diffusion of news on social media sites.

Technology, Design, & Culture Laboratory

Hana Research Laboratory *September 2011 - December 2015*
Research Assistant *Irvine, CA*

- Large-scale study with Dr. Judy Olson to examine how students and faculty use Google Apps in university settings.

- Qualitative research with Dr. Bonnie Nardi to examine how users of web media forums (e.g., reddit) separate their social lives within and beyond media-sharing websites.

University of California, Irvine

Teaching Assistant

September 2012 - June 2013

Irvine, CA

- Courses: Information Visualization, Project Management, Computer-Supported Cooperative Work.

Twitter, Inc.

User Experience Research Intern

Summer 2012

San Francisco, CA

- Conducted study to model changes in thousands of users' behavioral metrics over time. The work was subsequently integrated into Twitter's models for user personas.
- Developed Twitter's research infrastructure by recruiting and vetting a dedicated user testing panel.
- Conducted usability studies to improve experimental onboarding and advertising user interfaces.

TECHNICAL & RESEARCH STRENGTHS

Qualitative Methods	Cognitive walkthroughs, interviews, survey design & analysis
Quantitative Methods	Experimental design, survey design & analysis
Technical Skills	CSS, HTML, JavaScript, Python, R, SQL (MySQL, PostgreSQL)

ASSOCIATIONS & AWARDS

Knight-Mozilla OpenNews Fellowship	March 2016 - January 2017
Informatics Graduate Student Association	2011 - 2014
<i>President, Social Chair, First-Year Ph.D. Representative</i>	
Association of Internet Researchers	2013 - Present
Sigma Xi Scientific Research Honors Society	2011 - Present
Psi Chi Honors Society	2010 - Present
Graduate Opportunity Fellowship	2011 - 2014

PUBLICATIONS

Sleeper, M., Matthews, T., O'Leary, K., Woelfer, J., Turner, A., Shelton, M., Schou, A., Oplinger, A., & Consolvo, S. (2019). Tough times at transitional homeless shelters: Considering the impact of financial insecurity on digital security and privacy. *Proc. CHI*, 2019.

Matthews, T., O'Leary, K., Turner, A., Sleeper, M., Woelfer, J. P., Shelton, M. L., Manthorne, C., Churchill, E. F., & Consolvo, S. (2017). Stories from survivors: Privacy and security practices when coping with intimate partner abuse. *Proc. CHI*, 2017. · Best Paper Award

Shelton, M. L. (2015). The role of corporate and government surveillance in shifting journalistic information security practices. *University of California, Irvine, Special Collection and Archives*.

Shelton, M. L., Rainie, L., Madden, M., Anderson, M., Duggan, M., Perrin, A., & Page, D. (2015). Americans' privacy strategies post-Snowden. *Pew Research Center Internet Project*.

Pew Research Center (2015). Local news in a digital age. *Pew Research Center Journalism Project*.

Shelton, M. L., Lo, K., & Nardi, B. (2015). Online media forums as separate social lives: A qualitative study of disclosure within and beyond reddit. In *Proc.iConference*, 2015. · Best Paper Nomination

Wang, Y., Echenique, A., Shelton, M. L., & Mark, G. (2013). A comparative evaluation of multiple chat stream interfaces for information-intensive environments. In *Proc.CHI*, 2013.

Burger, J. M. & Shelton, M. L. (2011). Changing everyday health behaviors through descriptive norm manipulations. *Social Influence*, 6, 69-77.

SELECTED WRITING

Shelton, M. L. (2018, November 18). Locking down Signal. *Freedom of the Press Foundation*. <https://freedom.press/training/locking-down-signal/>

Shelton, M. L. (2017, November 30). In the face of supply chain attacks, stay the course. *OpenNews Source*. <https://source.opennews.org/articles/shields-face-supply-chain-attacks-stay-course/>

Shelton, M. L. (2017, September 18). Using Signal without giving your phone number. *OpenNews Source*. <https://source.opennews.org/articles/shields-using-signal-without-your-phone-number/>

Shelton, M. L. (2017, August 17). Get your malware shots. *OpenNews Source*. <https://source.opennews.org/articles/shields-get-your-malware-shots/>

Shelton, M. L. (2017, July 13). How to lose friends and anger journalists with PGP. *OpenNews Source*. <https://source.opennews.org/articles/how-lose-friends-and-anger-journalists-pgp/>

Shelton, M. L. (2017, April 7). Developing security skepticism. *OpenNews Source*. <https://source.opennews.org/articles/shields-developing-security-skepticism/>

Shelton, M. L. (2017, March 8). You are worthy of a data breach. *OpenNews Source*. <https://source.opennews.org/articles/worthy-of-data-breach/>

Shelton, M. L. (2017, February 9). Opening secure channels for confidential tips. *OpenNews Source*. <https://source.opennews.org/articles/opening-secure-channels-confidential-tips/>

Shelton, M. L. (2017, February 2). Signal, the secure messaging app: A guide for beginners. *Freedom of the Press Foundation*. <https://freedom.press/news/signal-beginners/>

Shelton, M. L. (2017, January 19). How journalists can protect themselves while covering protests. *Freedom of the Press Foundation*. <https://freedom.press/news/how-journalists-can-protect-themselves-while-covering-protests/>

Shelton, M. L. (2016, September 29). User-submitted malware: A safety guide for journalists. *Coral Project Blog*. <https://blog.coralproject.net/user-submitted-malware/>

Shelton, M. L. (2016, July 14). Digital self-defense for journalists: An introduction. *OpenNews Source*. <https://source.opennews.org/en-US/articles/digital-self-defense-journalists-introduction/>

Williams, A.T. & Shelton, M.L. (2014, September 5). Pew Research Center: What drove spike in public comments on net neutrality? Likely, a comedian. *Pew Research Center Fact Tank*. pewrsr.ch/1reEJx6

Shelton, M. L. (2014, July 24). Pew Research Center: Where the U.S. wiretap hotspots are. *Pew Research Center Fact Tank*. pewrsr.ch/1oVG3GL