

Nick Doty

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(510) 859-3689

300 Blackwell St, #317
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Education

- School of Information** — PhD Candidate in Information Science
UC Berkeley; Berkeley, CA 2011 - Present
- School of Information** — Master of Information Management and Systems
UC Berkeley; Berkeley, CA 2008 - 2010
- Amherst College** — Bachelor of Arts in Philosophy *magna cum laude*
Amherst, MA 2002 - 2006

Experience

- Graduate Student Researcher**
UC Berkeley; Berkeley, CA 2011 - Present

Currently pursuing dissertation research in the privacy and security implications of Internet and Web standard-setting (including Do Not Track) and privacy decision-making by software developers within engineering teams.

For more info, see:

- *publications (below) in computer science, law, philosophy and Web standards*
- privacypatterns.org, a design pattern library for common solutions to privacy problems
- [BigBang](#), a software toolkit for studying communications data from collaborative projects

- Lecturer / Graduate Student Instructor**
Information Organization Lab; Technology & Policy Lab; Technology & Delegation Lab
UC Berkeley; Berkeley, CA 2009 - 2016

Designed and co-taught the Technology & Delegation Lab with Deirdre K. Mulligan, a new class to give students hands-on experience evaluating the technical and policy impacts of software development, standard-setting and government regulation. Developed and taught the Information Organization Lab, a graduate course in hands-on rapid Web development.

For more info, see: bit.ly/techdel16

- Founding Director**
Center for Technology, Society & Policy
UC Berkeley; Berkeley, CA 2015 - 2016

Co-founded and directed a multidisciplinary research, design, build center focused on emergent social and policy issues of technology, including: engineering ethics; technology and well-being; infrastructure, standards and governance; and, digital citizenship. Organized hackathons, reading groups, happy hours, career events and expert panels at UC Berkeley. Developed a Fellowship program and supported 28 fellows working on 11 collaborative projects in our inaugural year. *For more info, see: ctsp.berkeley.edu*

- Privacy Analyst**
World Wide Web Consortium (W3C) 2011 - 2015

Promoted the development of Web standards that support online privacy. In particular, staffed the Tracking Protection Working Group and encouraged consensus development of standards for Do Not Track. Staffed the Privacy Interest Group, developing guidelines for specification authors, browser implementers and Web developers on supporting Web privacy and coordinate with various Working Groups over the privacy implications of standards. Organized workshops and meetings to enable discussion of Web privacy issues by a variety of stakeholders.

For more info, see: w3.org/Privacy

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Software Development Engineer in Test
Microsoft; Redmond, WA

2006 - 2008

Designed and implemented automated test cases to systematically evaluate and improve the quality of the communications and workflow frameworks (WF/WCF) in Windows Vista and application monitoring in BizTalk Server. Led effort to analyze crash report data from customers to isolate software problems.

Publications

Nick Doty. "**Mitigating Browser Fingerprinting in Web Specifications.**" Interest Group Note, World Wide Web Consortium, Privacy Interest Group, 2019. <https://www.w3.org/TR/fingerprinting-guidance/>

Deirdre K. Mulligan, Colin Koopman and Nick Doty. "**Privacy is an Essentially-Contested Concept: A Multidimensional Analytic for Mapping Privacy.**" *Philosophical Transactions of the Royal Society of London A: Mathematical, Physical and Engineering Sciences* 374 (2083). 2016.
[doi:10.1098/rsta.2016.0118](https://doi.org/10.1098/rsta.2016.0118)

Nick Doty. "**Reviewing for Privacy in Internet and Web Standard-Setting.**" In *Security and Privacy Workshops (SPW), 2015 IEEE*, 185–92. dx.doi.org/10.1109/SPW.2015.18

Nick Doty, Heather West, Justin Brookman, Sean Harvey, Erica Newland. "**Tracking Compliance and Scope.**" Candidate Recommendation, World Wide Web Consortium, Tracking Protection Working Group, 2015. [w3.org/TR/tracking-compliance](https://www.w3.org/TR/tracking-compliance)

Nick Doty and Deirdre K. Mulligan. "**Internet Multistakeholder Processes and Techno-Policy Standards: Initial Reflections on Privacy at the World Wide Web Consortium.**" *Journal on Telecommunications and High Technology Law* 11. 2013.
jthtl.org/content/articles/V11i1/JTHTLv11i1_MulliganDoty.PDF

Nick Doty and Mohit Gupta. "**Privacy Design Patterns and Anti-Patterns: Patterns Misapplied and Unintended Consequences.**" *A Turn for the Worse: Trustbusters for User Interfaces Workshop*, 2013. cups.cs.cmu.edu/soups/2013/trustbusters.html

Ari Rabkin, Nick Doty and Deirdre K. Mulligan. "**Facilitate, don't mandate.**" *IAB/W3C Internet Privacy Workshop*. 2010. npdoty.name/papers/facilitate.pdf

Nick Doty and Erik Wilde. "**Geolocation Privacy and Application Platforms.**" *ACM SIGSPATIAL International Workshop on Security and Privacy in GIS and LBS*. 2010.
portal.acm.org/citation.cfm?id=1868470.1868485

Nick Doty and Erik Wilde, "**Simple Policy Negotiation for Location Disclosure.**" *W3C Workshop on Privacy and data usage control*. 2010. [w3.org/2010/policy-ws/papers/03-Doty-Wilde-Berkeley.pdf](https://www.w3.org/2010/policy-ws/papers/03-Doty-Wilde-Berkeley.pdf)

Nick Doty and Deirdre K. Mulligan, "**The Importance of Privacy Hooks for Advanced Web APIs.**" *W3C Workshop on Privacy for Advanced Web APIs*. 2010. npdoty.name/papers/privacyhooks.txt

Nick Doty, Deirdre K. Mulligan and Erik Wilde, "**Privacy Issues of the W3C Geolocation API**", UC Berkeley, School of Information: Report 2010-038. 2010. escholarship.org/uc/item/Orp834wf

Talks and Events

For a more comprehensive list of invited talks, blog posts on tech policy issues, hosted workshops/conferences, courses taught and online projects, see: npdoty.name.