

Nick Doty

npdoty.name

npdoty@ischool.berkeley.edu

(510) 859-3689

4223 Terrace St, #6
Oakland, CA 94611

Education

School of Information — PhD in Information Science

UC Berkeley; Berkeley, CA

September 2011 - Present

School of Information — Master of Information Management and Systems

UC Berkeley; Berkeley, CA

September 2008 - May 2010

Amherst College — Bachelor of Arts in Philosophy *magna cum laude*

Amherst, MA

September 2002 - May 2006

Experience

Privacy Analyst

World Wide Web Consortium (W3C)

May 2011 - Present

Promote the development of Web standards that support online privacy. In particular, staff the Tracking Protection Working Group, arrange meetings, recruit participants, support chairs, serve as editor for and otherwise encourage consensus over standards for Do Not Track. Staff 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. Organize workshops and meetings to enable discussion of Web privacy issues by a variety of stakeholders.

For more info, see: w3.org/Privacy

Graduate Student Researcher: Privacy, software engineering and standard-setting

UC Berkeley; Berkeley, CA

May 2009 - Present

Currently pursuing dissertation research in the privacy implications of the development of Internet and Web standards (including Do Not Track and P3P at W3C) and privacy decision-making by software developers within engineering teams.

For more info, see publications and privacypatterns.org

Worked with Professors Deirdre K. Mulligan and Erik Wilde to document and analyze the World Wide Web Consortium's Geolocation API, its privacy implications and how it's used by browser makers and web site providers; authored a report of our findings for consumption by the public and interested Congressional committees.

For more info, see: npdoty.name/location

Lecturer: Information Organization Lab; Technology and Policy Lab

UC Berkeley; Berkeley, CA

January 2009 - May 2011

Researched, designed and co-taught a graduate course in hands-on rapid web development as a way for students to experiment with concepts of information organization and retrieval. Co-taught the class a second time in response to overwhelming positive feedback from students. (IO Lab continues to be taught by students and alumni of the School.)

For more info, see: bit.ly/iolab10

Designed and co-taught the Technology and Policy 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.

For more info, see: ischool.berkeley.edu/courses/290-tp

The Meaningful Location Project (MeLo)

UC Berkeley; Berkeley, CA

September 2009 - May 2010

Conceived of, designed and developed a system for tracking, categorizing and sharing personal location histories. MeLo recognizes that humans use meaningful, personal names and categories for places and provides a platform for location-based services to translate between latitude and longitude coordinates and such personally meaningful descriptions. Designed and developed a scalable geospatial platform including a full-featured RESTful API, user-facing website, privacy-protecting architecture for sharing location information and a mobile web interface.

For more info, see: www.meloproject.com

npdoty.name

npdoty@ischool.berkeley.edu

(510) 859-3689

4223 Terrace St, #6
Oakland, CA 94611

Consulting Developer

Virginia Joint Registry; Richmond, VA

July 2009 - December 2009

Researched various joint registries around the world to evaluate the Virginia Joint Registry approach to tracking the failure rates of replacement knees and hips. Analyzed the legal and privacy requirements for a large-scale research project. Worked with hospital staff to understand workflows, determine user needs and implement integration with hospital electronic medical record systems.

For more info, see: www.vajointregistry.org

Software Development Engineer in Test

Microsoft Corporation; Redmond, WA

August 2006 - August 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.

Amherst Recording Council

Amherst College; Amherst, MA

April 2004 - May 2006

Founded and led a student organization to make recordings of various lectures that take place on campus and publish recordings online.

For more info, see: www.amherst.edu/arc

Publications

Doty, Nick. "Past, Present and Future of Privacy Reviews in Internet Standard-Setting". *In progress*.

Doty, Nick, 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). http://www.jthtl.org/content/articles/V11i1/JTHTLv11i1_MulliganDoty.PDF.

Ari Rabkin, Nick Doty and Deirdre K. Mulligan, "Facilitate, don't mandate", *IAB/W3C Internet Privacy Workshop*, December 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*, November 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*, October 2010. 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*, July 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, February 2010. escholarship.org/uc/item/Orp834wf

Nick Doty, "The Case for a Location Metasystem", *Second International Workshop on Location and the Web (LocWeb 2009)*, Boston, April 2009. npdoty.name/papers/metasystem.pdf

Skills

I have programming experience with **Python, C#, C, C++, Objective-C, Java, XML, HTML, CSS, JavaScript, PHP, Perl** and **SQL**.

More importantly, I have experience **working with people** both technical (engineers at Microsoft) and non-technical (philosophy professors at Amherst); **understanding problems** in depth (not only the technical details but also public policy implications); and **communicating solutions** to those problems clearly and cogently (including giving talks at Microsoft, the W3C and academic workshops; and teaching graduate students at Berkeley).