Devdatta Akhawe

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Education	**University of California, Berkeley** *Ph.D., Computer Science* Advisor: Prof. Dawn Song	**Aug 2009 — May 2014** Berkeley, CA USA
	Birla Institute of Technology and Science *B.E. (Hons.), Computer Science* Institute Bronze Medal.	**Aug 2005 — June 2009** Pilani, India

Academic Experience	**University of California, Berkeley** *Research Assistant, Computer Security Group*	**Aug 2009 — May 2014** Berkeley, CA USA
	University of California, Berkeley *Teaching Assistant, CS161: Computer Security*	**Spring 2011 and Spring 2012** Berkeley, CA USA

Professional Experience	**Dropbox, Inc.** *Security Engineer*	**July 2014 — Present** San Francisco, CA USA
	Coverity, Inc. *Security Research Intern*	**May 2013 — Aug 2013** San Francisco, CA USA
	Mozilla, Inc. *Security Research Intern*	**May 2012 — Aug 2012** Mountain View, CA USA
	Microsoft, Inc. *Security Engineering Intern*	**May 2011 — Aug 2011** Redmond, WA USA
	Yahoo, Inc. *Yahoo! Labs Intern*	**Jan 2009 — Jul 2009** Bengaluru, India
	Microsoft Research *Research Intern*	**May 2008 — Aug 2008** Redmond, WA USA

Professional Service	**Member of Program Committee**, Workshop on Privacy in the Electronic Society, 2014
	Web Chair, IEEE Symposium on Security and Privacy, 2013
	External Reviewer, Usenix Security, 2011, 2013. CHI 2014
	Invited Expert, W3C Web Application Security Working Group, 2014

Conference Publications	W. He, **D. Akhawe**, S. Jain, E. Shi, D. Song. ShadowCrypt : Encrypted Web Applications for Everyone In *Proceedings of the ACM Conference on Computer and Communications Security*, Scottsdale, AZ Nov 2014.
	Z. Li, W. He, **D. Akhawe**, D. Song. The Emperor's New Password Manager: Security Analysis of Web-based Password Managers In *Proceedings of the USENIX Security Symposium*, San Diego, CA August 2014.

D. Akhawe, F. Li, W. He, P. Saxena, D. Song. Data-confined HTML5 Applications. In *Proceedings of the 18th European Symposium on Research in Computer Security (ESORICS)*, Egham, U.K., September 2013.

D. Akhawe, A. P. Felt. Alice in Warningland: A Large-Scale Field Study of Browser Security Warning Effectiveness. In *Proceedings of the USENIX Security Symposium*, Washington, D.C. USA August 2013.

M. Finifter, **D. Akhawe**, D. Wagner. An Empirical Study of Vulnerability Rewards Programs. In *Proceedings of the USENIX Security Symposium*, Washington, D.C. USA, August 2013.

D. Akhawe, B. Amann, M. Vallentin, R. Sommer. Here's My Cert, So, Trust Me, Maybe? Understanding TLS Errors on the Web. In *Proceedings of the World Wide Web Conference*, Rio De Janerio, Brazil, May 2013.

D. Akhawe, P. Saxena, D. Song. Privilege Separation for HTML5 Applications. In *Proceedings of the Usenix Security Symposium*, Bellevue, WA USA, August 2012.

J. Weinberger, P. Saxena, **D. Akhawe**, M. Finifter, D. Song. A Systematic Analysis of XSS Sanitization in Web Application Frameworks. In *Proceedings of the 16th European Symposium on Research in Computer Security (ESORICS)*, Leuven 2011.

D. Akhawe, A. Barth, P. E. Lam, J. C. Mitchell, D. Song. Towards a Formal Foundation of Web Security. In *Proceedings of the Computer Security Foundations Symposium*, Edinburgh, U.K., July 2010.

P. Saxena, **D. Akhawe**, S. Hanna, F. Mao, S. McCamant, D. Song. A Symbolic Execution Framework for JavaScript. In *Proceedings of the IEEE Symposium on Security and Privacy*, Berkeley, CA USA, May 2010.

Workshop Publications	D. Akhawe, W. He, Z. Li, R. Moazzezi, D. Song Clickjacking Revisited: A Perceptual View of UI Security At *8th Usenix Workshop on Offensive Technologies*, San Diego, CA USA, August 2014.

A. P. Felt, S. Egelman, M. Finifter, **D. Akhawe**, D. Wagner. How to Ask for Permission. At *Hot Topics in Security (HotSec)*, Bellevue, WA USA, August 2012.

D. Akhawe, M. Finifter. Product Labels for Mobile Application Markets. At *Mobile Security Technologies*, San Francisco, CA USA, 2012.

P. Maniatis, **D. Akhawe**, K. Fall,E. Shi, S. McCamant, D. Song. Do You Know Where Your Data Are? Secure Data Capsules for Deployable Data Protection. At *Hot Topics in Operating Systems (HotOS)*, Napa Valley, CA USA, May 2011.

S. Hanna, R. Shin, **D. Akhawe**, P. Saxena, A. Boehm, D. Song. The Emperor's New API: On the (In)Secure Usage of New Client Side Primitives. At the 4th *Web 2.0 Security and Privacy Workshop*. Berkeley, CA USA, May 2010.

Invited Talks	Privilege Separation for HTML5 Applications. *Schloss Dagstuhl—Leibniz Center for Informatics*, September 2012 and *iSec Open Forum*, Palo Alto, CA USA, February 2013. Also at Facebook Inc., Twitter Inc. and PayPal Inc.

Clickjacking Revisited: A Perceptual View of UI Security. Joint Work with W. He, W. Li, R. Moazzezi, D. Song. *Blackhat USA*, Las Vegas, NV USA, 2013.

Guest Lecture for *CS 18-635/ 96-831 Web Application Security and Performance*, CMU Silicon Valley, Mountain View, CA USA, August 2013.

An Empirical Study of Vulnerability Rewards Programs. *OWASP Bay Area*, Berkeley, CA USA, June 2013.

Guest Lecture for *CS 18-636/ 96-834 Browser Security*, CMU Silicon Valley, Mountain View, CA USA, April 2013.

Towards a Formal Foundation of Web Security *Stanford Security Seminar*, 2010.

References   **Dawn Song** (advisor), Professor, Computer Science, UC Berkeley.

David Wagner, Professor, Computer Science, UC Berkeley.

Petros Maniatis, Senior Research Scientist, Intel.

Further references available on request.