J. Alex Halderman

Education

o   Pursuing a Ph.D. in computer science, Princeton University (expected completion 2007-8).

o   M.A. in computer science, Princeton University, 2005.

o   A.B. in computer science, *summa cum laude*, Princeton University, 2003.

Honors and Awards

o   National Science Foundation Graduate Research Fellowship, 2004-7.

o   Princeton C. S. Departmental Award, 2003.

o   Computer Science Department Senior Award, 2003.

o   Accenture Prize in Computer Science, 2002.

o   Martin A. Dale Summer Award, 2000.

o   Honorific societies: *Phi Beta Kappa, Sigma Xi*

Publications

[1]   A. Feldman, J. A. Halderman, and E. Felten. Security Analysis of the Diebold AccuVote-TS Voting Machine, in preparation.

[2]   J. A. Halderman and E. Felten. Lessons from the Sony CD DRM Episode, *Proceedings of the 15th USENIX Security Symposium*, pp. 77–92, 2006.

[3]   E. Felten and J. A. Halderman. Digital Rights Management, Spyware, and Security, *IEEE Security and Privacy*, pp. 18–23, January/February 2006

[4]   J. A. Halderman, B. Waters, and E. Felten. A Convenient Method for Securely Managing Passwords, *Proceedings of the 14th International World Wide Web Conference*, pp. 471–479, 2005.

[5]   J. A. Halderman, B. Waters, and E. Felten. Privacy Management for Portable Recording Devices, *Proceedings of the 2004 ACM Workshop on Privacy in the Electronic Society*, pp. 16–24, 2004.

[6] B. Waters, A. Juels, J. A. Halderman, and E. Felten. New Client Puzzle Outsourcing Techniques for DoS Protection, *Proceedings of the 11th ACM Conference on Computer and Communications Security*, pp. 246–256, 2004.

[7] J. A. Halderman. Analysis of the MediaMax CD3 Copy-Prevention System, *Princeton University Computer Science Technical Report TR-679-03*, October 2003.

[8] P. Min, J. A. Halderman, M. Kazhdan, and T. Funkhouser. Early Experiences with a 3D Model Search Engine, *Proceedings of the 8th International Conference on 3D Web Technology*, 2003. Best paper award.

[9] T. Funkhouser, P. Min, M. Kazhdan, J. Chen, J. A. Halderman, D. Dobkin, and D. Jacobs. A Search Engine for 3D Models, *ACM Transactions on Graphics*, pp. 83–105, January 2003.

[10] J. A. Halderman. Evaluating New Copy-Prevention Techniques for Audio CDs, *Proceedings of the 2002 ACM Workshop on Digital Rights Management*, 2002.

Teaching and Service

o Assistant in Instruction (AI) and course development assistant for CS116 The Computational Universe, Princeton, Spring 2006. Professor: Sanjeev Arora.

o AI for CS491 Information Technology and the Law, Princeton, Spring 2005. Professor: Edward Felten.

o Lab Assistant for VIS 452 Digital Photography, Princeton, 2003-6. Professor: Andrew Moore.

o Organizing committee, Princeton University Art of Science Competition, 2004-2006.

Talks and Panels

[1] Analysis of the Diebold AccuVote-TS Voting Machine. Princeton University, October 19, 2006.

[2] Legal Challenges to Security Research. University of Florida, October 12, 2006.

[3] Panelist, Digital Rights Management plenary discussion. CFP'2006, Washington, DC, May 5, 2006.

[4] Lessons from the Sony CD DRM Episode. USENIX Security 2006, Vancouver, August 2, 2006; University of Waterloo, March 9, 2006.

[5] A Convenient Method for Securely Managing Passwords. WWW'2005, Chiba, Japan, May 12, 2005.

[6] Privacy Management for Portable Recording Devices. ACM WPES'2004, Washington, DC, October 18, 2004.

[7] Evaluating New Copy-Prevention Techniques for Audio CDs. ACM DRM'2002, Washington, DC, November 18, 2002.