

Ariel Feldman

- Education** **Princeton University, School of Engineering and Applied Science** *September 2005–present*
Ph.D. candidate in computer science with a focus on computer security and technology policy
Advisor: Edward W. Felten
M.A. in computer science (expected May 2007)
- Brown University** *September 1999–May 2003*
B.A., *magna cum laude*, in computer science (May 2003)
B.A., *magna cum laude*, in philosophy (May 2003)
G.P.A.: 4.0/4.0
- Honors and awards:
- Princeton University Upton Fellowship (2005)
 - Brown University Ducasse Philosophy Award (2002)
 - Honorary societies: Phi Beta Kappa, Sigma Xi
- Papers**
- Ariel J. Feldman, J. Alex Halderman, and Edward W. Felten. "Security Analysis of the Diebold AccuVote-TS Voting Machine." September 2006.
- Marjorie Heins, Christina Cho, and Ariel Feldman. "Internet Filters: A Public Policy Report." Brennan Center for Justice, NYU School of Law, May 2006.
- Experience**
- Princeton University, Security Research Group** *September 2005–present*
Graduate Research Assistant. Conducted an independent security analysis of the widely-used Diebold AccuVote-TS electronic voting machine. Found that malicious software could be installed on the machine in approximately one minute and could change votes with little chance of detection. Implemented demonstration attacks on the system including a demonstration voting machine virus.
- Princeton University, Computer Science Department** *September 2006–present*
Teaching Assistant: COS 126: General Computer Science. Taught a twice-weekly section of the introductory computer science course that is required for computer science majors and engineers. Topics covered included basic programming constructs, Java, and brief introductions to computer architecture and the theory of computation.
- Brennan Center for Justice, NYU School of Law** *November 2004–June 2005*
Intern. Researched the effects of Web content filters on the availability of useful and important information such as sex education. Helped conduct a survey of Web site operators who have received abusive takedown notices.
- BAE Systems CNIR (Wayne, NJ)** *August 2003–September 2004*
Software Engineer. Devised a test approach and test software for a software component of a military radio. Reviewed portions of the code for the radio's security software module.
- Feith Systems and Software (Fort Washington, PA)** *Summer, Winter 2002*
Software Engineer Intern. Designed and built a Web-based document management application in Java that included image manipulation, graphical annotations, and text redaction.
- ActivityOne (Philadelphia, PA)** *May–August 2000*
Software Engineer Intern. Web developer for a dot-com startup. Developed the company's internal Web site in ASP and contributed to its public e-commerce site.
- Skills**
- Standard cryptographic primitives and protocols. Programming in C, C++, Java, and other languages on Linux, Mac, and Windows. Web development with HTML, CSS, JavaScript, JSP/Servlets, and ASP.