

# Adam Waksman

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## Education

**Columbia University – Graduate School of Engineering and Applied Science**, New York, NY

*Ph.D.* in computer science, In progress; GPA: 4.17/4.33

**Columbia University – Graduate School of Engineering and Applied Science**, New York, NY

*M.S.* in computer science (May 2011); GPA: 4.17/4.33

**Columbia University – Columbia College**, New York, NY

*B.A.* (May 2009); GPA: 3.80/4.33, Magna Cum Laude, Dean's List (2006 – 2009)

Majors: Computer Science (GPA: 4.00), Mathematics (GPA: 3.86)

GRE Math: 800/800, Subject GRE Computer Science: 850/910

*Theodore R. Bashkow Outstanding Research Award*

*Computer Science Department Academic Excellence Award*

**Byram Hills High School**, Armonk, NY

Graduated June 2005; Cum Laude; SAT: 1600/1600

## Conference Publications

*Silencing Hardware Backdoors*. **Adam Waksman** and Simha Sethumadhavan.

In Proceedings of the IEEE Symposium on Security and Privacy, 2011

*Tamper Evident Microprocessors*. **Adam Waksman** and Simha Sethumadhavan.

In Proceedings of the IEEE Symposium on Security and Privacy, 2010

## Journal Publications

*Interactions between L1 cell adhesion molecule and ezrin support traction-force generation and can be regulated by tyrosine phosphorylation*. Sakurai T, Gil OG, Whittard JD, Gazdoiu M, Joseph T, Wu J, **Waksman A**, Benson DL, Salton SR, Felsenfeld DP. *J. Neurosci.* Res 2008; 86: 2602-2614.

## Professional Experience

**Columbia University – Computer Science Department**, New York, NY (June 2009 - Present)

*Graduate research fellow*

**Facebook**, Palo Alto, CA (June 2011 – August 2011)

*Software development intern*

**National Security Agency**, Fort Meade, MD (May 2008 – August 2008)

*Applied research mathematician (Director's summer program)*

## Technical Skills

*Software Development*: C, C++, Java, Python, Lisp, Matlab, Bash, Pthreads, OpenMP

*Hardware Design*: Verilog with PLI, SystemVerilog, Leda, VCS, DVE

*Web Development*: ASP .NET MVC 3, PHP, Javascript with Ajax, C#, HTML

*Databases and Protocols*: SQL, Thrift