

Jonathan Herzog

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Electronic version available at: <http://www.jonathanherzog.com>

Professional Experience

Technical Staff *2009 – present* *MIT Lincoln Laboratory*

Analysis and standardization of group-keying protocols; development and proposal of new projects.

Associate Professor, CS *2006 – 2009* *Naval Postgraduate School*

Teaching graduate- & undergraduate-level courses; re-design of three-quarter introductory programming sequence; academic service; cryptographic research.

Cryptographic Consultant *2006 – 2009* *Jonathan Herzog Consulting*

Typical projects: evaluation of proprietary cryptographic algorithm; review of open-source cryptographic libraries; guidance with regard to data-mining roadmap; development of resilient-system programming-language constructs.

Senior Computer Scientist *June – October 2008* *Basho Technologies*

Development of machine learning algorithms for sales forecasting and guidance.

Cryptographer *1997 – 2006* *The MITRE Corporation*

Cryptographic research: author of 18 conference and journal publications; developer on 2 software projects. Cryptographic analyst and consultant: influenced standard for SSHv2; advised both NSA and Air Force. Task management: proposed and managed three tasks with combined budget of \$600K and combined staff of 5 researchers.

Education

PhD	MIT	Computer Science	2002 – 2004
MS	MIT	Computer Science	2000 – 2002
BS	Harvey Mudd College	Mathematics	1993 – 1997

Awards and Clearances

Naval Postgraduate School	Honorable Mention, RADM Schieffelin Award (<i>i.e.</i> , rated among top 5% of faculty in teaching)
IEEE Technical Committee, Security & Privacy	Outstanding Community Service Award
The MITRE Corporation	MITRE Best Paper Award, Program Innovation Award, Program Recognition Award, Spot Award
Harvey Mudd College	High honors, departmental honors, outstanding contribution to a clinic project
Clearances:	SECRET (with NATO access)

Publications

Available upon request, or at <http://www.jonathanherzog.com>.
