

CONTACT INFORMATION	<i>Address:</i> 608W 113st <i>City:</i> New York, USA <i>Postal Code:</i> 10025	<i>Telephone:</i> (+1) 6462587246 <i>E-mail:</i> theofilos@cs.columbia.edu <i>Website:</i> www.cs.columbia.edu/~theofilos
INTERESTS	Binary Analysis, Systems & Network Security, Binary Instrumentation, Privacy.	
EDUCATION	2012-Present: PhD in Computer Science, Columbia University , NY, USA. Advisor: Prof. Angelos D. Keromytis	
	2012-2014: M.Sc., Computer Science, Columbia University , NY, USA (GPA 3.9/4)	
	2005-2011: School of El. Engineering & Computer Science, NTUA , Greece Advisor: Prof. T.Sellis. GPA: 8.22/10	
RESEARCH & PUBLICATIONS	May 2015 - August 2015: Research intern at Symantec Corporation.	
	Conference Proceedings: <ul style="list-style-type: none"> • Theofilos Petsios, Vasileios P. Kemerlis, Michalis Polychronakis, Angelos D. Keromytis. “DynaGuard: Armoring Canary-based Protections against Brute-force Attacks”. In Proceedings of the 31th Annual Computer Security Applications Conference (ACSAC), December 2015. • Iasonas Polakis, George Argyros, Theofilos Petsios, Suphannee Sivakorn, Angelos D. Keromytis “Wheres Wally? Precise User Discovery Attacks in Location Proximity Services” . In Proceedings of the 22nd ACM Conference on Computer and Communications Security (CCS), October 2015. • Marios Pomonis, Theofilos Petsios, Kangkook Jee, Michalis Polychronakis, and Angelos D. Keromytis. “IntFlow: Improving the Accuracy of Arithmetic Error Detection Using Information Flow Tracking””. In Proceedings of the 30th Annual Computer Security Applications Conference (ACSAC), December 2014. • M. Lecuyer, G. Ducoffe, F. Lan, A. Papancea, T. Petsios, R. Spahn, A. Chaintreau, and R. Geambasu, “XRay: Enhancing the Web’s Transparency with Differential Correlation.”, in Proceedings of the USENIX Security Symposium, August 2014. 	
TEACHING EXPERIENCE	Summer 2014: Professor for <i>Intro to Programming in C</i> , SCE, Columbia University. 2013 - 2014: Head Teaching Assistant for Network Security, Data Structures & Algorithms, Advanced Programming, Fall & Spring semester, Columbia University. 2005-2011: Maths & Physics Tutor for high school students.	
PROGRAMMING	<i>Proficient:</i> C, Python <i>Fluent:</i> C++, Java, Bash, HTML, CSS, L ^A T _E X <i>Familiar:</i> PHP, Javascript, Ruby <i>Technologies/Frameworks:</i> <i>Fluent:</i> LLVM, Intel PIN. <i>Familiar:</i> nodejs, rails	
FELLOWSHIPS	2014: Gerondelis Foundation Grant recipient. 2012 - Present: Graduate Research Assistanship, Columbia University, NY. 2005: Eurobank EFG student fellowship award.	
LANGUAGES	Greek (native speaker), English (proficient), French (basic), Spanish (basic)	