

# Yacin I. Nadji

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Citizenship: U.S. Citizen  
Ph.D. Candidate

## Education

### Georgia Institute of Technology (GT)

- Doctor of Philosophy in Computer Science (in progress).
- Advisor: Dr. Wenke Lee

### Illinois Institute of Technology (IIT)

- Bachelor of Science in Computer Science, with Honors, 2009.
- Advisor: Dr. Ophir Frieder

## Publications

5. Wei Zhuo and **Yacin Nadji**. MalwareVis: entity-based visualization of malware network traces. In *VizSec '12: Proceedings of the Ninth International Symposium on Visualization for Cyber Security*, 2012
4. Manos Antonakakis, Roberto Perdisci, **Yacin Nadji**, Nikolaos Vasiloglou, Saeed Abu-Nimeh, Wenke Lee, and David Dagon. From Throw-Away Traffic to Bots: Detecting the Rise of DGA-Based Malware. In *Proceedings of 21th USENIX Security Symposium (USENIX Security '12)*, 2012
3. **Yacin Nadji**, Manos Antonakakis, Roberto Perdisci, and Wenke Lee. Understanding the prevalence and use of alternative plans in malware with network games. In *Proceedings of the 27th Annual Computer Security Applications Conference (ACSAC '11)*, 2011
2. **Yacin Nadji**, Jonathon Giffin, and Patrick Traynor. Automated remote repair for mobile malware. In *Proceedings of the 27th Annual Computer Security Applications Conference (ACSAC '11)*, 2011
1. **Yacin Nadji**, Prateek Saxena, and Dawn Song. Document structure integrity: A robust basis for cross-site scripting defense. In *Proceedings of the Network and Distributed System Security Symposium*, 2009

## Technical Skills

**Programming Languages:** Python, R, Lisp (Clojure, SBCL), Java, Intel x86 asm, Objective-C, C

**Software and Techniques:** \*nix, L<sup>A</sup>T<sub>E</sub>X, network analysis, **scapy**, machine learning, **git**, web scraping, reverse engineering, hadoop, cascalog

**Code:** <https://github.com/ynadji>

## Teaching Experience

Guest Lecture, CS 4235: Introduction to Information Security, Georgia Tech, Fall 2012. “The Underground Economy.”

Guest Lecture, CS 6035: Introduction to Information Security, Georgia Tech, Fall 2011. “Understanding the Prevalence and Use of Alternative Plans in Malware with Network Games.”

Guest Lecture, CS 4235: Introduction to Information Security, Georgia Tech, Spring 2011. “Stalking the Wily Hacker.”

Teaching Assistant, CS 100: Intro to the Profession (follows Structure and Interpretation of Computer Programs), IIT, Fall 2008. Responsible for running lab and recitation sections, grading labs, and assisting students during office hours.

## **Service**

### **Reviewer**

USENIX Symposium on Networked Systems Design and Implementation (NSDI) 2013

USENIX Security Symposium 2011

Network & Distributed System Security Symposium (NDSS) 2010

### **Honors and Awards**

President's Fellowship, GT, 2009-2014.

AOF Fellowship (declined), Wisconsin, 2009.

Undergraduate Summer Research Award, IIT, 2008.

Computer Science Department Teaching Assistant of the Year, IIT, 2007.