Simone Nicchi

Curriculum Vitae

last updated: April 2019
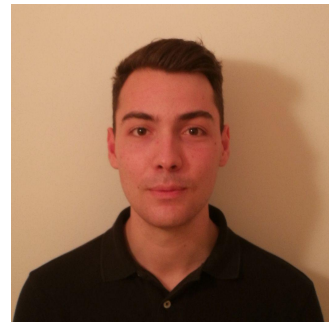
Personal Data

Place and Date of Birth:	Bracciano (RM), Italy - 6 July 1993
Office Address:	Via Ariosto 25, 00185 Rome, Italy
Email:	nicchi@diag.uniroma1.it
Institutional Page:	https://simuset.github.com

Education

November 2018 - Now	**Ph.D. in Computer Engineering** *Sapienza University of Rome*, Italy Advisor: Prof. Camil Demetrescu
October 2015 - July 2018	**Master of Science in Computer Engineering (in English)** *Sapienza University of Rome*, Italy Dissertation title: "BlueTracer: a Robust API Tracer for Evasive Malware" Advisor: Prof. Camil Demetrescu Co-Advisors: Dr. Daniele Cono D'Elia, Dr. Emilio Coppa Final grade: 110/110 with honors (*summa cum laude*)
October 2011 - October 2015	**Bachelor degree in Computer Engineering (in English)** *University of Rome Tor Vergata*, Italy Dissertation title: "DarkCrawler: platform for crawling illegal contents on Tor" Advisor: Prof. Giuseppe Bianchi Co-Advisors: Dr. Alberto Caponi Final grade: 110/110 with honors (*summa cum laude*)
August 2006 - May 2011	**Bilingual (Italian/English) International Baccalaureate (IB) Diploma** *International School of Berne* Bern - Switzerland Final grade: 40/45

Research Interests

My research interests involve the application of program analysis techniques to the security domain.

Languages

English:	Fluent
Italian:	Mothertongue

Computer Skills

Programming Languages:	C++, Python, Java, Scala, JSP, PHP
Operating systems:	GNU/Linux (Debian-based), Microsoft Windows
Frameworks:	Apache Hadoop, angr, Intel Pin, Scrapy, Hibernate
Other:	Relational databases, MongoDB, Android Studio, Arduino, IDA Pro, Microsoft Office suite, Open/LibreOffice suite, LATEX.

Publications

2018   **SoK: Using Dynamic Binary Instrumentation for Security (And How You May Get Caught Red Handed)**
D.C. D'Elia, E. Coppa, S. Nicchi, F. Palmaro, L. Cavallaro
ACM ASIA CCS 2019