

# Simone Nicchi

## Curriculum Vitae

*last updated: June 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](mailto:nicchi@diag.uniroma1.it)  
INSTITUTIONAL PAGE: <https://simuset.github.com>

### EDUCATION

---

NOVEMBER 2018 - NOW	PH.D. IN COMPUTER ENGINEERING <i>Sapienza University of Rome, Italy</i> Advisors: Prof. Camil DEMETRESCU & Dr. Daniele Cono D'ELIA
OCTOBER 2015 - JULY 2018	Master of Science in COMPUTER ENGINEERING (in English) <i>Sapienza University of Rome, Italy</i> 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 ( <i>summa cum laude</i> )
OCTOBER 2011 - OCTOBER 2015	Bachelor degree in COMPUTER ENGINEERING (in English) <i>University of Rome Tor Vergata, Italy</i> 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 ( <i>summa cum laude</i> )
AUGUST 2006 - MAY 2011	Bilingual (Italian/English) International Baccalaureate (IB) Diploma <i>International School of Berne, Bern (Switzerland)</i> Final grade: 40/45

### RESEARCH INTERESTS

---

Application of program analysis techniques to the security domain.

### LANGUAGES

---

ENGLISH: Fluent      ITALIAN: Mothertongue

### COMPUTER SKILLS

---

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

### PUBLICATIONS

---

2019    **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