

Personal Information



First name Alessandro
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WWW <http://security.di.unimi.it/~ale/>
Nationality Italian
Date of birth December 21st 1983
Gender Male

Education and training

Date	September 2012 - at present
Title of qualification awarded	Ph.D. student in Computer Science Visiting Scholar at UC Berkeley
Date	2011 - at present
Title of qualification awarded	Ph.D. student in Computer Science Università degli Studi di Milano
Research field	Systems security
Date	2006 - 2010
Title of qualification awarded	Master of Science in Computer Science, Università degli Studi di Milano
Thesis title	<i>Design and building of an "on-line" instrument to measure air particulate by means of light scattering</i>
Grade	110/110 cum Laude
Date	January to June 2007
	Erasmus scholarship in Helsinki University of Technology TKK
Date	2003 - 2006
Title of qualification awarded	Bachelor of Science in Computer Science, Università degli Studi di Milano
Thesis title	<i>Development, implementation and simulation of a sensor network anchor free distributed localization algorithm</i>
Grade	110/110 cum Laude
Date	2003
Special course	FSE - Advanced Linux System Administrator
Grade	A
Date	1998 - 2003
Title of qualification awarded	High School Diploma in Electronic and Telecommunication Systems, IIS Alessandrini, Abbiategrasso
Grade	100/100

Publications

Authors	Alessandro Reina, Aristide Fattori, Fabio Pagani, Lorenzo Cavallaro, Danilo Mauro Bruschi
Title	<i>When Hardware Meets Software: a Bulletproof Solution to Forensic Memory Acquisition</i>
Conference	Proceedings of the 28th Annual Computer Security Applications Conference (ACSAC) 2012, Orlando, Florida, Dec 2012.
Authors	Anna Morpurgo, Federico Pedersini, and Alessandro Reina
Title	<i>A low-cost instrument for environmental particulate analysis based on optical scattering</i>
Conference	International Instrumentation and Measurement Technology Conference (I2MTC 2012), Graz, Austria, May 2012.

Teaching experiences

Date	2011 - 2012 Teaching assistant for the course <i>Information Security</i> at the Università degli Studi di Milano.
Date	2011 - 2012 Teaching assistant for the course <i>Network Security</i> at the Università degli Studi di Milano.
Date	2010 - 2011 Teaching assistant for the course <i>Information Security</i> at the Università degli Studi di Milano.
Date	2010 - 2011 Teaching assistant for the course <i>Algorithms and Data Structures</i> at the Università degli Studi di Milano.
Date	2009 - 2010 Teaching assistant for the course <i>Laboratory of Computer Programming</i> at the Università degli Studi di Milano.
Date	2009 - 2010 Member of the organizing committee of the Computer Science competition <i>Kangourou dell'informatica</i> .

Work experiences

Date	April to June 2011
Occupation or position held	Freelancer at Emaze Networks S.p.A.

Personal skills and competences

Languages	Italian, English
Social skills and competences	Good communication skills. Ability to explain a concept differently in order to address the level of understanding of the audience.
Technical skills and competences	Good knowledge of programming languages such as Assembly (x86, amd64, arm), C, Python, shell scripting, PHP and SQL. Understanding of security problems such as buffer overflow, format bug, XSS, CSRF, SQL Injection and race condition. Good background in mathematics and electronics. Good knowledge of Matlab environment.

OS skills and competences

Good knowledge of Linux with emphasis on security hardening and exploitation techniques. Discrete knowledge of Microsoft Windows and OS X.

Additional Information

Date

7th July 2011

Contest:

Member of the organizing committee of the dCTF a 1-day Capture the Flag competition collocated with the 2011 edition of DIMVA, the Conference on Detection of Intrusions and Malware & Vulnerability Assessment in Amsterdam, The Netherlands.

Date

4th December 2009

Contest:

Proud member of *Chocolate Makers* team that got the 3rd place at the International Capture the Flag contest organized by the University of California, Santa Barbara.

Date

7th December 2007

Contest:

Proud member of the winning team *Chocolate Makers* at the International Capture the Flag contest organized by the University of California, Santa Barbara.