

# Alessandro Di Carlo

## Head of Penetration Testing & Incident Response

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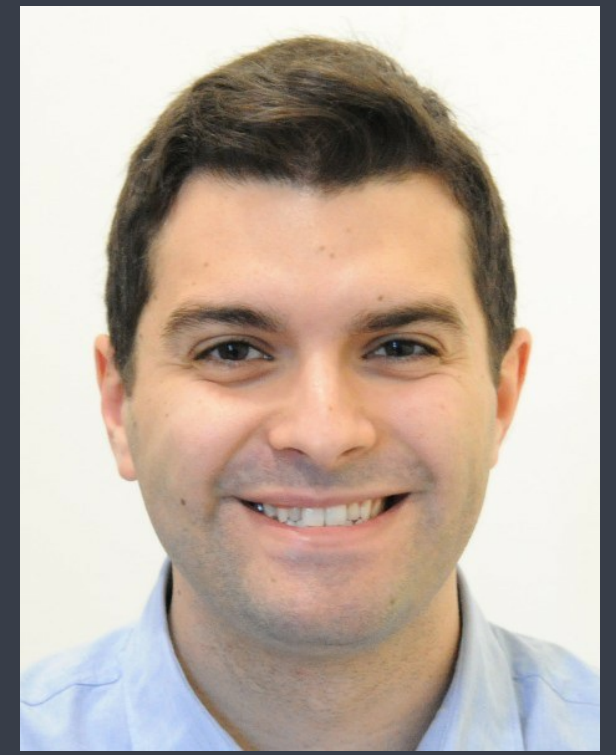
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**Date of birth** 28.02.1992



I am a Cyber Security researcher and consultant with extensive experience in collaborating with Law Enforcement Agencies and Critical National Infrastructure players on several aspects of IT Security, including Digital Forensics and Incident Response.

I have a strong technical background achieving 100% practices certifications (GCFA - eCPPT–eWAPT) and clashing daily with very complex environments and situations.

I'm a Sans Institute Lethal Forensicator (coin holder) because I won the FOR508 final challenge.

I am often invited to speak at national and international cybersecurity conferences.

Finally I am an active member of several groups in the field of IT Security and Digital Forensics which:

- **(ISC)2** - Italy Chapter
- **ONIF** - Osservatorio Nazionale Informatica Forense
- **IISFA** - International Information System Forensics Association



## EXPERIENCE

- ◆ **10.2017 - present**      **Head of Penetration Testing & Incident Response**  
*Namirial Spa*  
Responsible of the penetration testing and incident response units. Engagements range from external and internal penetration testing, wireless testing, reverse engineering and more. Sometimes I'm hired to carry out social engineering. The incident response unit is responsible for responding to critical incidents for internal and external customers, and ensure quality and predictability within each incident.
- ◆ **11.2017 - present**      **Sans Facilitator**
- ◆ **12.2015 - 06.2017**      **Cyber Security Consultant**  
*TS-WAY Srl*  
During this experience I follow Law Enforcement and Critical National Infrastructure through their Penetration Testing, Digital Forensics and Audit activities.  
I'm also head of the Training Business Unit and the main security consultant.
- ◆ **10.2015 - present**      **Review board member**  
*Hakin9 – Eforensicmag – Pentestmag*  
My task are:
  - review articles before they are published on the Hakin9 magazine, eForensicMagazine and PentestMagazine
  - write articles for these magazine
- ◆ **03.2010 - present**      **Independent Security Researcher**  
I continuously conduct researches in a wide variety of Security related fields in order to improve Digital Forensic methodologies and investigations with my own findings.  
During the years I developed security tools for my own specific use cases. This allowed me to be much more effective in my researches and investigations.



## EDUCATION

- ◆ 2014 - **Master's Degree - University of Camerino**  
2016 Thesis topic: **Detection: definition of new model to reveal Advanced Persistent Threat.**  
Final evaluation: **109/110**
- ◆ 2011 - **Bachelor's Degree - University of Camerino**  
2014 Thesis topic: **Universal Biodevice Driver**  
Final evaluation: **101/110**
- ◆ 2016 - **eLearnSecurity**  
present Achieved some high professional certification such as:
  - **eCPPT** - eLearnSecurity Certified Professional Penetration Testing
  - **eWAPT** - eLearnSecurity Web Application Penetration Testing



## HONORS AND AWARDS

- ◆ 01.2018 - **Proclaimed "Computer Science Expert" (Cultore della materia Informatica)**  
present University of Macerata (MC)
- ◆ 11.2017 - **Sans Institute - Lethal Forensicator**  
present Winner of the final FOR508 challenge
- ◆ 05.2014 - **2nd place at Cybercop**  
present Second place at Cybercop 2014 organized by IISFA in Genoa (GE) Italy, 23-24 May.



## LANGUAGES

◆ English



B2



## CERTIFICATES

- ◆ 05.2018 GCFA - GIAC Certified Forensic Analyst
- ◆ 2016 eCPPT : eLearnSecurity Certified Professional Penetration Testing
- ◆ 2017 eWAPT - eLearnSecurity Web Application Penetration Testing
- ◆ 2015 CCNA 4 - Connecting Networks
- ◆ 2014 CCNA 3 - Scaling Network
- ◆ 2014 CCNA 2 - Routing Protocols and Concepts
- ◆ 2014 CCNA 1 - Network Fundamentals



## SPEECHS

- ◆ 01.2017 **APT: from infection to attribution** - Presented in London at **CDANS** (Cyber Defence and Network Security) 2017
- ◆ 12.2016 **Il Penetration Testing quale metrica del grado di sicurezza di una rete** - Presented at **University of Macerata**
- ◆ 06.2016 **OSINT: dark side of SCADA exposure on internet** - Presented at **Cyber Security for Infrastructure of Energy&Transport**
- ◆ 04.2016 **Android Forensics with Free/Open Source Tools** - Presented in Turin at **DroidconIT 2016**
- ◆ 10.2015 **Tecniche Steganografiche - come le associazioni criminali comunicano senza essere scoperte** - Presented at **(ISC)2 Italy Chapter**



## COURSES

- ◆ 11.2017 SANS FOR508: Advanced Digital Forensics, Incident Response, and Threat Hunting



## REFERENCES

- ◆ Mauro Gasperini - Ethical Hacker and System Administrator at TS-WAY Srl  
Alessandro is a impressive security professional, is a very curious person and one of the most skilled persons that I have ever met. He is meticulous in his work and is able to offer always the best solutions to complex problems. If you'll be working with him you will surely appreciate the technical and human qualities.
- ◆ Nicola Vaccina - Co-founder at Nevermindmedia srl, Co-author of [www.wegooo.com](http://www.wegooo.com)  
Alessandro worked for our company on a test in an augmented reality app. I met a great developer very quick in understanding and excellent problem solving. I hope to work with him in a future project.