



PERSONAL INFO



MARIO TRINCHERA

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OVERVIEW

I am a software engineer with several years of work experience, 12 of which spent in Defence world with various task and since 2012 I deal with Cyber Security domains.

Cross Attitude, Out-of-the-Box thinker, solid background in all ICT security domains, in cyber threat intelligence and in fraudulent dynamics.

Excellent relational skills with stakeholders, especially with institutional ones.

*Certifications: **CISSP, Lead Auditor ISO 27001, Prince2, ITIL-F, MoR, PSE.***

CURRENT JOB

- Period
- Employer
 - Area
 - Role
- Main activities and responsibilities

From september 2018 to date

ABI Lab, via del Gesù 62 – Roma, Italy

Banking & Financial Services

Chief Information Security Officer

Currently engaged in the operational management of **CERTFin**, the Italian Financial CERT (co-governed by ABI and Bank of Italy).

The daily task is to provide cybersecurity services to the Constituency (over 65 financial institutions) through core activities like infosharing, coordination of incident response, security governance, fraud management and cyber threat intelligence.

NIST publications and bulletins of the main international anti-crime organizations are used as a constant reference.

The management of important national and international relations with similar organizations and a continuous focus on compliance (GDPR, DORA, PSD2, EBA GL, ...) are other relevant tasks.

COLLABORATIONS

Since 2018 I have been contributing with some lessons in Masters of some prestigious Italian universities (Bocconi, Politecnico di Milano, Tor Vergata, ...).

Between 2016 and 2017, I collaborated free with CIS (Cyber Intelligence and Information Security) at the University LA SAPIENZA providing useful contributions to the drafting of the National Cyber Security Framework published on March 9, 2017.

My name is mentioned in the "thanks".

PREVIOUS JOB

- Period
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- Area
- Role
- Main activities and responsibilities

From september 2017 to september 2018

MBDA, via Monte Flavio 45 – Roma, Italy
Defence

Product Security Specialist

I deal with the product line cyber security assurance.

The tasks can be divided into three main branches:

1. The drafting and reengineering of business processes, like S-SDLC, SW Secure Supply Chain, Secure Coding, Flaw Remediation... and so on.
2. Internal and transversal advice to all Programs (products) regarding the definition of certification strategy (ISO 15408 (*Common Criteria*), DO-178C...).
3. Constant and continue analysis about technologies and requirements with which update our own RTOS (Linux based).

Other activities concern research and innovation (Swarm System, Smart Balancing, anti-malware LXC based, ...).

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From january 2017 to september 2017

Ferrovie dello Stato spa, piazza della croce rossa – Roma, Italy
Transportation

Security Consultant / SOC Supervisor

I'm in the team of specialists who are entrusted with SOC's second-level actions. The reported events are in real time and they are related to all endpoints across the whole holding network.

Typical activities: event management, incident management, ticketing, remediation planning, malware analysis, tuning, reporting.

Preparation to ISO 27001 certification is in progress, which I contribute both analytically and by planning the risk assessment of the case.

SIEM, Tools and Technologies: RSA Security Analytics, IBM Qradar, FireEye, GRC Archer, Checkpoint, Fortinet, Malzilla, ProcMon, Wireshark and many online tools.

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From february 2014 to december 2016

Leonardo spa (ex Finmeccanica spa), via Laurentina 760 – Roma, Italy
Defence

Consultant / Infosec Manager

I'm in charge Infosec analysis and Cyber-Security design of Defense System aimed at the Common Criteria certification (*ISO 15408*).

The core activities consist in taking care of the analysis, design and consistency of the security requirements (technical and environmental), the achievement of the security target and the vulnerability assessments, the validation of security architectures and the compliance with international standard and best practice (*ISO 27001, NIST publications*).

Production of electronic and environmental requirements and documentation, also classified. Project management and related programmatic, economic and development oversight (*drafting proposals, technical notes, contracts, gantt*).

Managing development team located throughout Italy (Pisa, Genova, Rome, Pomezia) and supervision of supplies (WindRiver - San Diego USA, Selta - Rome).

Close interaction with the development team, the top management and the National Security.



The last program in charge of me is the MILS Gateway, unique communication channel between domains at different classification levels (Forza NEC programme - Soldato Futuro, EI).

Moreover, from may 2015, I deal of Security Operative Procedure & Policy (DRP, Incident Handling, Backup strategy) on NATO AGS Programme (Alliance Ground Surveillance).

[Common Criteria 3.1, ISO/IEC 15408, DPCM 22.07.11, PCM-ANS/LG, NATO C3B guidelines, Network Security, ISO/IEC 27001, MIL-STD-498, NIST publications...]

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From january 2005 to february 2014

Finmeccanica spa (Selex-ES, Selex-SI, Datamat), via Laurentina 760 - Roma
Defence

Consultant / Technical Coordinator / Software engineer / Senior Analyst

Design, analysis and software development of the human computer interface of the Combat Management Systems of the major Navy units, italian and french.

In this case CMS is real-time, multithreading and very huge (over 10 millions LOC) application, manage the entire ship equipment, starting from navigation till weapons and sensors, ATC for aircrafts and helicopters and much more.

I worked hardly on frigates, aircraft carrier and corvettes (Horizon, FREMM, NUM, BDSL).

I dealt with systems integration and testing of many equipment (Navigation, Meteorological data, Satellite Data Link, Air Traffic Control, ...).

I took care of classified documentation and trials on board, I was the focal point for the customer and the french management, since 2008 in total autonomy.

In October and December 2009 I was aboard on the frigate Chevalier Paul for exercise missions in the Mediterranean Sea. On January 2011 I oversaw the activities of pre-testing of the aircraft carrier Cavour (in Taranto) for the equipments AIRMAN and TDL (Tactical Data Link). In March 2011, I was aboard the aircraft carrier Cavour in an exercise mission in the Ionian Sea.

Frequent and prolonged business trips in Paris, Toulon and Taranto.

[Development Environments: Red Hat 5, C/C++, Corba, XML, Ilog 5.2, JavaVirtualKeyboard, Rational suite, ClearCase, Citrix, VMWare, Tamul, WireShark, UML, CVS, git, ...]

LESS RECENT EXPERIENCE

System Designer

2004, c/o BAS, via G. Peroni 400 – Roma [Matlab - Simulink]

R&D Software

2003/2004, c/o F.lli Esposito, via Polveriera – Nola (Na) [Matlab - Simulink]

Technical Consultant

1997/2003, c/o CCE, via cappella vecchia 6 – Napoli [Win2000, Excel, Access, C]

Part Technical Consultant (CTP)

From 2000 to 2016, c/o many law firm in Napoli and Roma

PUBLICATIONS

MULTILEVEL SECURITY APPROACH ON WEAPON SYSTEM USING LXC [Springer, 2018]

MITIGATE SECURITY RISK IN SOFTWARE DEVELOPMENT [Springer, 2018]

QUANTUM ERA: CRITTOGRAFIA E ALTRI DEMONI [YCP, 2020]

CERTIFICATIONS & EDUCATION

CISSP

- Date, Organization

CISSP certification (Certified Information Systems Security Professional), nr. 554113
March 2017, (ISC)² International

ITIL-F

- Date, Organization

ITIL-F certification (Information Technology Infrastructure Library), nr. 5986117.20656061
April 2017, Axelos - EXIN International

Lead Auditor ISO/IEC 27001

- Date, Organization

Lead Auditor ISO/IEC 27001 (Information Security Management System), nr. 0029/2017
May 2017, CSQA - approved by ACCREDIA, according to ISO 17024

PRINCE2-F

- Date, Organization

PRoject Management **IN** Controlled Environment v2, nr. 5986117.20667833
June 2017, Axelos - EXIN International

M_o_R

- Date, Organization

Management of Risk, nr. 5986117.20673012
june 2017, Axelos - EXIN International

Payment Systems Expert

- Date, Organization

European Payment Systems Expert, nr 25-2021
June 2021, Italian Banking Association

Professional Qualification

Master Degree

- Title of thesis

21/12/2005 – Civil, Industrial & IT registers of Napoli, nr. 17049
01/04/2004 - Università Federico II di Napoli, **Computer Engineering**
Signal Denoising mediante Wavelet di Seconda Generazione

High School Diploma

07/07/1993 - Liceo Classico statale G.B. Vico - Napoli

LANGUAGE SKILLS

- Written/Spoken Level

Italian [Mothertongue], **English** [C1/B2], **French** [A2/A1]

TECHNICAL SKILLS

Standard

ISO 15408, 17021, 19011, 27001...8, 22301, 31000, MIL-STD 498

NIST

800-34, 800-53, 800-61, 800-100

Knowledge of

GDPR / ENISA GL / COBIT5

Cryptography

Foundation of Symmetric, Asymmetric, Hybrid and Quantum techniques

Networking

Best practice of Networking Security (IPS, IDS, HIPS, DMZ, Honeypot...)

SIEM

IBM Qradar / RSA Security Analytics

Appliance / Tools

FireEye, ReaQta, GRC Archer, OpenVAS

Malware Analysis

WireShark, quickHash, PEstudio, ProcMon, ProcDot, RegShot, Sandboxie....

Languages

C / C++ / Fortran / VB / Java

Systems Modeling

Matlab / Simulink

Virtualization

VMWare / VirtualBox

OS

MS Windows (all), Linux: Kali, Red Hat, Ubuntu.

Graphics and 2D Modeling

CorelDraw / SmartDraw

I AUTHORIZE THE PROCESSING OF MY PERSONAL DATA
ACCORDING TO CURRENT REGULATIONS