Carlo Alberto Scola

Curriculum Vitae

"Scientia potentia est." 1668, Thomas Hobbes

Personal Information

full name	Scola Carlo Alberto
place & date of birth	2 March 1995, Rimini (RN), ITALY

Work experience and education

Sept 2019 – Present — **TRUESEC, Stockholm**, *Cyber Security Consultant*, Penetration Testing and Security Testing.
Carlo Alberto is a cyber-security expert with a strong focus on web application security, complex network infrastructure penetration testing (Windows/Linux), as well as red teaming, and occasionally, threat hunting. Carlo helps customers defend and secure their environment by performing extensive and thorough security assessments and threat simulations. He likes to share his acquired knowledge with colleagues and the internet.

Oct 2018 – March 2023 — **KTH Royal Institute of Technology, Stockholm**, *Master's degree in Communication Systems*, School of Electrical Engineering and Computer Science (at KTH).
Studying network systems and security and achieving the best outcomes from this Master program. Network management, infrastructure engineering, and internal and external safeguards are some of the top priorities against cyber threats spreading today, reflected in my areas of interest.

Jan 2015 – present — **Team member of CeSeNa Network and Systems Security**, *Ce.Se.N.A. is an academic, security-focused, interest group founded by students of "Dipartimento di Informatica - Scienza e Ingegneria" of the University of Bologna from Cesena (Italy).*
I am practicing in the areas of penetration testing, hacking challenges and Capture The Flag. These provide practical experience regarding cryptography, network analysis, privilege escalation, exploiting, etc..

Sep 2014 – Dec 2017 — **University of Bologna, Campus of Cesena**, *Bachelor degree in Computer Science and Engineering*.
Challenging fields like the Internet of Things (IoT) and software engineering caught my attention along with network and web programming. One of the best tools the University has given me is the methodology to understand and analyze new technologies or languages in the most efficient way possible.

Mar 2017 – Aug 2017 — **Cisco Learning Academy**, *CCNA Cyber Ops certification*.
I mastered the fundamentals of applications, operating systems, and networking in a Security Operations Center (SOC). The course gave me a rounded understanding of constant monitoring, event correlation, and incident analysis which are core aspects of security investigations

Set 2009 – Giu 2014 — **Liceo Scientifico "Alessandro Volta"** , *PNI (Piano Nazionale di Informatica)*, Riccione (RN).
+ European Computer Driving Licence ECDL.

Summer 2016 — **Android programmer,**, *I-Tel*, Riccione (RN).
I performed a curricular internship in a competent company in the region of mobile devices. I learned the basics of Android programming, I dealt with real commercial software in order to develop a part of the app useful for the company as a demo for customers.

Summer 2013	**IT Technician,**, *Spider Net* , Riccione (RN).
	I worked as a laboratory technician repairing personal computers and laptops. Assembling new PCs, router configuration, and disassembling laptops for common and non-common problems. I immediately learned to relate to the hardware and identify the problems derived from it.
Summer 2011/2012	**IT Technician,**, *Multimedia computer*, Riccione (RN).
	Same as above.

Certifications

OffSec	**Offensive Security Certified Professional** - **OSCP**.
CISCO	**CCNA Cyber Ops**.
Autopsy	**Digital Forensic**.

Language

Italian	**Native Speaker**.
English	**Professional**.
Swedish	**Basic**.
German	**Basic**.

Skills

OS	Linux, Microsoft Windows, Android
Programming	C, Java, Bash, Python, PHP, HTML, CSS, Javascript, Assembly
Database	MySQL, Microsoft SQL, PostgreSQL, SQLite
Web Server	Apache, NGINX, IIS
Virtualization	KVM, VMware
Graphics	Adobe Photoshop/Lightroom, GNU Image Manipulation Program
System Administration	Linux sysadmin, firewall, server hardening, Docker, hacking, Software-Defined Networking, Data-Centers, Network security
Infrastructure	Terraform, IaaC, AWS, Azure, cloud security
Offensive Security	Penetration Testing, Red Teaming, Purple Teaming, Threat Hunting, Incident Response, Active Directory security, Industrial Control Systems
Keywords	Speaker, research-oriented, goals achiever, focus, perseverance, knowledge-hungry

Interests

- Snowboarding & Motorcycles
- Cooking

- Backend Developing
- Arduino/Raspberry/IoT

Miscellaneous

Sport	**Swimming and Basketball**.
	I practiced swimming at a tender age until the 3rd grade after which I started practicing my passion, Basketball, first amateurish and then competitively and I quit to study reasons in 2015. I learned the concept of working in a team. Since 2013, I have been constantly practicing bodybuilding and aerobic activities.
Driving License	B, A2

Links

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