



Carlo Alberto Scola

Curriculum Vitae

"The human mind is our fundamental resource." JFK

Personal Information

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

Work experience and education

- Aug 2018 – **KTH Royal Institute of Technology, Stockholm**, *Master degree in Communication Systems*,
Present School of Electrical Engineering and Computer Science (at KTH).
Currently studying network systems and security and I am to challenge myself to achieve 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, which are reflected in my areas of interest.
- Jan 2015 – **Team member of CeSeNa Network and Systems Security**, *Ce.Se.N.A. is an academic, security*
present *focused, interest group founded by students of "Dipartimento di Informatica - Scienza e Ingegneria" of 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 – **University of Bologna, Campus of Cesena**, *Bachelor degree in Computer Science and*
Dec 2017 *Engineering.*
This course explores computer science in a more complete way, examining both the design / engineering and the mathematical / scientific aspects. Challenging fields like 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 – **Cisco Learning Academy**, *CCNA Cyber Ops certification.*
Aug 2017 I mastered the fundamentals of applications, operating systems, and networking used 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 – **Liceo Scientifico "Alessandro Volta"**, *PNI (Piano Nazionale di Informatica)*, Riccione (RN).
Giu 2014 + European Computer Driving Licence ECDL.
- Summer 2016 **Android programmer**, *I-Tel*, Riccione (RN).
I performed 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 in the repair of personal computers and laptops. Assembling new PCs, router configuration, disassembling laptops for common and non-common problems. I immediately learned to relate with the hardware and identify the problems derived from it.
- Summer 2011/2012 **IT Technician,, *Multimedia computer***, Riccione (RN).
Same as above.

Language

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

Skills

Operating System Linux, Microsoft Windows, Android

Programming Language C, Java, Bash, Python, PHP, HTML, CSS, Javascript, Assembly

Database MySql, Microsoft SQL, PostgreSQL, PhpMyAdmin

Web Server Apache, NGINX

CMS WordPress, Prestashop, Joomla

IDE Sublime Text 3, IntelliJIdea, Arduino IDE, Eclipse

Office Suite Microsoft Office, LibreOffice

Graphics Editor Adobe Photoshop/Lightroom, GNU Image Manipulation Program

Browser Mozilla Firefox, Chromium, Chrome

Other Linux sysadmin, firewall, server hardening, docker, hacking.

Interests

- Network/System/Web Security
- Backend Developing
- Penetration Testing
- Arduino/Raspberry/IoT

Miscellaneous

Sport **Swimming and Basketball, *Riccione***.
I practiced swimming in a tender age until the 3rd grade after which I started practicing my passion, the Basketball, first amateurish and then competitive and I quit for study reasons in 2014. I learned the concept of working in a team . Since 2013, I have been constantly practicing gymnastics and aerobic activities.

Driving License B, A2

Links

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