Alessio TRIVISONNO
System & Network Administrator | Security Specialist

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Nice, France

Born on 25/08/1995 at Campobasso (Italy)

COMPETENCES

Programming	C, C++, **Python**, **Bash**, C#, GO, Java, LaTeX, Javascript, CSS, HTML, git
Frameworks	Django, **Flask**, Angular, ELK, .NET, Metasploit
Database	MySQL, PostgreSQL, **Elasticsearch**, MongoDB, MSSQL
Linux Server Administration	LDAP, Apache, Nginx, Postfix, NFS, SNMP, **sFlow**, NetFlow, OpenVPN, OpenSSH, BIND, Systemd, **Docker**
Security	**Linux hardening**, Firewalls, SIEM, Metasploit, **Risk Assessment**, Vulnerability Assessment
Business	Innovation, Entrepreneurship, Customer Validation, **Business Modelling**

EDUCATION

Current	**MSc in Innovarion and Entrepreneurship**, EIT Digital Masterschool (double degree program)
Current	**MSc in Mobile and Cloud Security**, EURECOM, Nice, France
2019	**MSc in Security and Privacy**, University of Trento, Trento, Italy
2018	**BSc in Computer Science**, Alma Mater Studiorum Università di Bologna, grade 100/110 (B)
2013	**IELTS Academic**, Center of English Studies, Dublin, overall score 6.0

WORKING EXPERIENCES

Jun 2018 Aug 2018	**IoT Developer, Network & System Administrator, NETSERVICE S.P.A., Bologna** Work as a System and Network Administrator in the ICT department.

> Security Information and Event Management planning and pilot deployment on docker containers
> Network administration on a complex corporate multihomed network
> IoT Developer in a small project with Raspberry Pi and sensors

IoT **Networks** SIEM **Docker** Raspberry Pi Python vmware

Feb 2018 Oct 2017	**DevOp	Internship, LABORATORI GUGLIELMO MARCONI, Sasso Marconi, Bologna** Development of a utility for the accounting of the Service Level Agreement on a ticketing system OTRS

Linux Python MySQL OTRS

Mar 2018 Feb 2017	**System Administrator, BIGEA DEPARTMENT, University of Bologna** Design, installation and maintenance of a networked storage system and cloud platform.

Apache OwnCloud MySQL Redis LDAP Microsoft Active Directory GlusterFS Linux

EDUCATIONAL EXPERIENCES

May 2018 Jun 2018	**.NET Development Course, OVERNET EDUCATION, Bologna, Italy** Technical course on .NET framework, C# and MSSQL databases

MSSQL TSQL C# .NET Agile TDD git SQL Server Management Studio OO Entity Framework LINQ MVC WPF

Sep 2017 Mar 2018	**Analysis of an Intrusion Detection System based on Packet Sampling, BSc DISSERTATION, University of Bologna** Performance evaluation of a monitoring system which combines the sFlow sampling technology with the IDS Suricata.

Linux Networks sFlow NetFlow Elasticsearch Kibana C **Python** **Bash**

Sep 2016 Mar 2018	**System Administration, ADMSTAFF, University of Bologna** Administration of a small network of servers offering BES services to other CS students. Hands-on experience regarding installation and maintenance of several Open Source software.

Linux **Networks** Postfix BIND DNS GitLab CE LDAP NFS 802.1x Radius
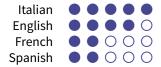
University Projects, ,

> Development of a kernel for the Kaya operating system, an Open Source project for the ARMv7 architecture.
> Development of a web platform for the paper revision in scientific conferences.
> Static Analysis of programs to detect and demonstrate exploitability of XSS attacks on static HTML pages.
> Development of a smart monitoring device aimed for office wellbeing. Marketing analysis and customer validation of the product.
> Study and experimentation with the security orchestrator The Hive, the threat information sharing platform MISP and the investigation and response tool Cortex.
> Study and Risk Assessment for an Unmanned Aerial Service Traffic Management (UTM) with the SE-CRAM framework

C   Linux Kernel   Python   MongoDB   Flask   REST   Angular   Java   Javascript   **Business**   The Hive   Security   Risk Assessment

💼 OTHER EXPERIENCES

> Private lessons of Computer Science
> Design and Installation of Surveillance Systems
> Design and maintenance of websites (HTML, Flash, Wordpress)

🌐 LANGUAGE SKILLS

Italian ●●●●●
English ●●●●○
French ●●○○○
Spanish ●●○○○

➕ PLUS

Furthermore during my academic career, especially during projects, I developed the following skills :

> Excellent Problem Solving attitudes
> Excelent relational skill
> Excellent team-work and Project Management attitudes
> Strong motivation and deadline observance

Others :

> Driving license
> Openness for travel experiences, both working and academic

Other Interests

MAKING   DIY Projects for Home Automation e Surveillance
OTHER   Guitar, Photography, Travel

💬 LINKS

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