Alessio **Trivisonno**

Back-end Developer | Security Specialist | System & Network Administrator

□ +39 338 536 5528 @ alessio.trivisonno@gmail.com

♥ Nice, France

i Born on 25/08/1995 at Campobasso (CB)



COMPETENCES

Programming C, C++, Python, bash, C#, GO, Java, LaTeX, Javascript, CSS, HTML, git

Frameworks Django, Flask, Angular, ELK, .NET

Database MySQL, PostgreSQL, Elasticsearch, MongoDB, MSSQL

Linux Server Administration LDAP, Apache, Nginx, Postfix, NFS, SNMP, sFlow, NetFlow, OpenVPN, OpenSSH, BIND, Sys-

temd, 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 | IoT Developer, Network & System Administrator, NETSERVICE S.P.A., Bologna

Aug 2018 Work as a IoT developer and System and Network Administrator in the ICT department.

> IoT Developer in a project with Raspberry Pi and sensors

> Security Information and Event Management planning and pilot deployment on docker containers

> Network administration on a complex corporate multihomed network

 IoT
 Networks
 SIEM
 Docker
 Raspberry Pi
 Python
 vmware

Feb 2018 | DevOp | Internship, Laboratori Guglielmo Marconi, Sasso Marconi, Bologna

Oct 2017 Development of a utility for the accounting of the Service Level Agreement on a ticketing system OTRS

Linux Python MySQL OTRS

Mar 2018 | System Administrator, BIGEA DEPARTMENT, University of Bologna

Feb 2017 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	NET Development Course, OverNet Education, Bologna, Italy
Jun 2018	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 Analysis of an Intrusion Detection System based on Packet Sampling, BSc Dissertation, University of Bologna

Mar 2018 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 | System Administration, ADMSTAFF, University of Bologna

Mar 2018 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,,

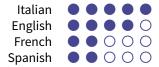
- > Development of a kernel for the Kaya operating system, an Open Source project for the ARMv7 architecture.
- > Development of a web platform for the paper revision in scientific conferences.
- > Static Analysis of programs to detect and demonstrate exploitability of XSS attacks on static HTML pages.
- > 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

& Language Skills

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



+ 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

Q LINKS

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