

Alessio TRIVISONNO

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

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📍 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, Systemd, Docker
Security	Linux hardening, Firewalls, SIEM, Metasploit, Risk Assessment, Vulnerability Assessment
Business	Innovation, Entrepreneurship, Customer Validation, Business Modelling

EDUCATION

Current	MSc in Innovation 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. <ul style="list-style-type: none">> 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 <div>IoT Networks SIEM Docker Raspberry Pi Python vmware</div>
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 <div>Linux Python MySQL OTRS</div>
Mar 2018	System Administrator, BIGEA DEPARTMENT, University of Bologna
Feb 2017	Design, installation and maintenance of a networked storage system and cloud platform. <div>Apache OwnCloud MySQL Redis LDAP Microsoft Active Directory GlusterFS Linux</div>

EDUCATIONAL EXPERIENCES

May 2018	.NET Development Course, OVERNET EDUCATION, Bologna, Italy
Jun 2018	Technical course on .NET framework, C# and MSSQL databases <div>MSSQL TSQL C# .NET Agile TDD git SQL Server Management Studio OO Entity Framework LINQ MVC WPF</div>
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. <div>Linux Networks sFlow NetFlow Elasticsearch Kibana C Python Bash</div>
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. <div>Linux Networks Postfix BIND DNS GitLab CE LDAP NFS 802.1x Radius</div>

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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