Alessio **Trivisonno** Security Specialist | System & Network Administrator

♦ Nice, France i Born on 25/08/1995 at Campobasso (CB)





SUMMARY OF COMPETENCES

Security Linux hardening, Firewalls, SIEM, Metasploit, Risk Assessment, Vulnerability Assessment

LDAP, Apache, Nginx, Postfix, NFS, SNMP, sFlow, OpenVPN, OpenSSH, BIND, Docker Linux Server Administration

> 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

Business Innovation, Entrepreneurship, Customer Validation, Business Modelling



Current MSc in Innovarion and Entrepreneurship, EIT Digital Masterschool (double degree program)

MSc in Mobile and Cloud Security, EURECOM, Nice, France Current

MSc in Security and Privacy, University of Trento, Trento, Italy 2019

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 Network & System Administrator, NETSERVICE S.P.A., Bologna

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

> 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

Networks SIEM Docker ToT 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

University Projects...

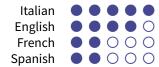
- > Development of a kernel for the Kaya operating system, an Open Source project for the ARMv7 architecture
- > Development of a web platform for the paper revision in scientific conferences.
- > Static Analysis of programs to detect and demonstrate exploitability of XSS attacks on static HTML
- > Development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

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 Networking Postfix BIND DNS GitLab CE LDAP NFS 802.1x Radius 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

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

Marco Prandini

Professor, University of Bologna

@ marco.prandini@unibo.it

+39 051 20 9 3867

Renzo Davoli

Professor, University of Bologna

@ renzo@cs.unibo.it

+39 051 2094501