

Patrizio Tufarolo

Curriculum Vitae



✉ patriziotufarolo@gmail.com
📧 patrizio.tufarolo.eu
🌐 it.linkedin.com/in/pattufarolo



resume

- from 02/2017 **Teaching tutor**, *University of Milan*.
to 06/2017 Tutor for the Computer Networking class.
- from 09/2015 **Developer/Sysop**, *Moon Cloud*, Crema (CR).
to 06/2017 Moon Cloud is a platform that addresses continuous compliance assessment and assurance evaluation of cloud, IoT, and traditional IT applications/infrastructures. It enables infrastructure/application owners to have a complete verification of their services during operation. Though generic, it mainly targets security and performance assurance. For more informations, visit <https://www.moon-cloud.eu>
- from 10/2016 **Intern**, *Sogeit Solutions*, Rome (RM).
to 04/2017 I worked on various projects. I started inspecting the feasibility of a complex structured Open Stack deployment, ending with the implementation of a management software for a big-size company.
- from 6/2016 **Developer/Sysop**, *University of Milan*, Crema (CR), iCertify.
to 12/2016 iCertify offers an innovative platform to professionals to collect and share their certified competences, to head hunters to implement a certification-aware hiring process, and to certification authorities/training centers to provide generally recognized certification of competences. The project is set inside the Living Lab, a pre-incubation project active in the department of Computer Science of University of Milan.
- from 2/2016 **Teaching Tutor**, *University of Milan*.
to 6/2016 Tutor for the Computer Networking class. Material at <https://blog.tufarolo.eu/networking-laboratory-lessons-archive/>
- from 12/2015 **Developer/Sysop**, *UTIXO Limited*, Mail Blacklist Checker, RBL Monitoring-as-a-service.
to 1/2016 Design and development of a tool that does continuous monitoring of RBLs (mailservers blacklists). Technologies involved are Node.JS for the backend (task management RESTful APIs, task execution) and Angular.JS for the frontend. The product has an authentication system (with role management and ACLs) to provide its features following the as-a-service paradigm and implements tenancy isolation between users. External OAuth providers can be used for authentication. It embeds a fully-configurable reporting system to alert users when a server gets blacklisted.
- from 2014 **Developer/IT responsible**, *L'extra*, Tarquinia (VT), *lextra.news*.
to today
- 2012 **Computer programmer**, *Attendance system with smartphone interaction and GPS geolocation*.

Attendance and presence management system with smartphone interaction and GPS geolocation, to track workers' position throughout workplaces.

2012 **Computer programmer**, *MMS - Maintenance management system*.

Software to manage support tickets and allocate budget to them. Technologies involved have been LAMP stack (with CodeIgniter framework) on the backend and vanilla Bootstrap for the frontend.

education

2015-2017 **Master in Cyber Security**, *University of Milan, Crema (CR)*, Thesis: Automatic and continuous compliance evaluation for the cloud: the FedRAMP case study.

Final vote: 110/110 cum laude

2012-2015 **Bachelor in Computer Systems and Networks Security**, *University of Milan, Crema (CR)*, Thesis: Study, implementation and validation of a probe-based test execution agent for the certification of cloud environments..

Final vote: 104/110

2007-2012 **Science High School**, *ISIS Tarquinia - Galileo Galilei/Vincenzo Cardarelli*, Tarquinia, Essay in History of Cryptography.

Final vote: 98/100

computer skills



160-264-339

Programming languages Python, PHP, Javascript, Java, C sharp

Scripting skills Bash, Fish

Automation tools Puppet, Ansible

Operating systems Linux (Advanced), Windows (Advanced), BSD e Mac (Basics).

Hardware Advanced troubleshooting, problem solving and fixing skills

Cloud technologies OpenStack, oVirt, AWS, OpenShift, Bluemix knowledge

Virtualization technologies KVM, vMware, HyperV, XEN

Web development - backend LAMP (Linux, Apache, MySQL, PHP) stack, CodeIgniter, WordPress, Joomla, Node.JS, Python, OpenERP (now Odoo)

Web development - frontend HTML, CSS, Javascript, jQuery, Angular.JS. - Adobe Suite for web purposes (Photoshop+Illustrator) and small photography

Other IT system administrator on Linux, networking, network security, service oriented architectures (SOAP - REST), service oriented architectures security (OAUTH, WS-Security).

publications

2017 M. Anisetti, C. A. Ardagna, E. Damiani, F. Gaudenzi e P. Tufarolo. «A Security Benchmark for OpenStack». In: 2017 IEEE International Conference on Cloud Computing. Jun. 2017.

i recently worked at

2015 **Certifying OpenStack**, *Security tests against OpenStack IaaS*.

2015 **Prototype of a FUSE-based cryptographic file system with Google Drive as backend**.

2014 **Openstack Juno deployment**, *University of Milan*, CUMULUS Project.

2012-2013 **Attendance system**, *with smartphone interaction and GPS geolocation for geographically distributed workplaces*, Integration with a Raspberry PI based NFC reader to allow in-place signin.

websites developed by me

L'extra

www.lextra.news

Officina dell'Arte e dei Mestieri Sebastian Matta

www.officinadellartetarquinia.it

CEL General Contractor S.p.A

www.celgeneralcontractor.com

communication experiences

2017 Punto-Informatico, writing articles for Punto-Informatico

02/2016 "La Sicurezza su Internet" conference @ Vincenzo Cardarelli High-School, Tarquinia, Viterbo, Lazio, Italy.

2014 Linux User Group - Crema

languages

Italian **native**

English **fluent**

interests

o IT

o Guitar

o Chess

o Reading