Stefano **Cicero**

stefano.cicero@me.com | www.stefanocicero.it | linkedin.com/in/stefanocicero

WORK EXPERIENCE

NIC .IT I WEB DEVELOPER & SYSTEM ADMINISTRATOR   Pisa, Italy | 2012 - 2015

Worked for the Italian National Research Council on the SmartPA project for the ccTLD .it Registry as web developer in a team, and then as system administrator.
Detailed achievements:

- installation, configuration and administration of a multiplattform cloud storage for the .it Registry employees
- securing web sites hosted on a compromised server by migrating them on a clean machine and applying a designed security policy
- developed the whole frontend of the "SmartPA" web application, which includes interactive maps and charts
- developed a software to monitor DNS queries received by nodes of the .it Registry
- Wordpress customizations: developed custom plugins, customized a Wordpress multisite installation in order to allow employees to create their own website with few clicks
- deployment and administration of a Samba, AFP and SFTP server
- data filtering and analysis on the database of the .it domain names
- administration of virtual machines for web hosting

EDUCATION

UNIVERSITY OF PISA I MASTER DEGREE IN COMPUTER ENGINEERING   Pisa, Italy | 2018
Thesis:
The course further advances my knowledge portfolio, in both the fundamental sciences and the engineering disciplines. This allow me to interact with engineering professionals from all different backgrounds, as well as to complete their mastering of computer engineering. The course includes a first part which goes in-depth into engineering disciplines and completes the expertise on methodological disciplines and informatics. After that, the following subjects are: - network applications and system security - design of mobile applications - systems architecture and commercial tools for web-based services - intelligent systems and decision-support systems. A comprehensive list of the project I worked on during my studies is available on my personal website.

UNIVERSITY OF PISA I BACHELOR DEGREE IN COMPUTER ENGINEERING   Pisa, Italy | 2011
Thesis: *"Progettazione, realizzazione, e messa in opera di un tema Moodle 2.0 per il portale informativo dei corsi di laurea in ingegneria informatica."*
I acquired knowledge of methodological aspects of mathematics and basic disciplines to understand and provide appropriate solutions to engineering problems. During the Curriculum in Computer Engineering I developed professionally with sound fundamental and multidisciplinary skills ranging from electronics, circuit theory, systems theory, computer science, telecommunications, control theory, economics.

PUBLICATIONS

[1] S. Cicero, F. Donini, M. Martinelli, and L. Vasarelli. SmartPA: Real Time Analysis and Monitoring of Italian Public Administration Websites. *MeTTeG*, 2014.

COMPUTER SKILLS

OS:	macOS, iOS, Linux and Windows
Programming:	Java, C, C++, Python, PHP, Assembly, Swift
Dev. Environment:	XCode, IntelliJ IDEA, Eclipse, Atom, Sublime Text
Version Control System:	GIT
Web Design:	HTML5, CSS3, XML, JavaScript, jQuery
Database:	MySQL
Web Server:	Apache
Framework:	Play 2, OMNeT++
CMS:	Wordpress, Moodle
HDL:	VHDL

LANGUAGES

Italian	Native
English	Professional working proficiency

PERSONAL SKILLS

- Ability to work in a team
- Critical thinking
- Problem solving