DIEGO RUSSO

CURRICULUM VITAE

updated *Dicember 2010*
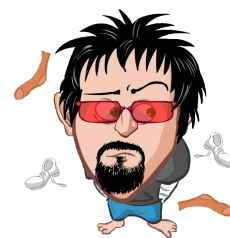
Europass
Curriculum Vitae

Personal information

First name(s) / Surname(s)
Diego Russo

Address(es)
Via G. Garibaldi 40, 05021, Acquasparta (TR), Italy

Telephone(s)
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Email(s)
me@diegor.it - (gtalk, MSN)

Website
http://www.diegor.it

Nationality(-ies)
Italian

Date of birth
April 30, 1983

Gender
Male

Desired employment / Occupational field
I am looking for a position where I can express and use my passion for programming and technology. I mostly develop in Python/Django using daily OSX and Linux. Available to positions that they give me personal and professional growth.

Work experience

Dates
From November 2010 to December 2010

Occupation or position held
Python/Django Programmer

Main activities and responsibilities
Ending of an **Adult WebTV** entirely developed in Python/Django with PostgreSQL database on Linux/Apache platform and Red5 as streaming server. The work is managed indipendently using GIT as revision control system.

Name and address of employer
Exion Telecom - Via Cantonale 2b - 6928 Manno, Switzerland, http://www.exion.ch/

Type of business or sector
IT solutions

Dates
From October 2010 to December 2010

Occupation or position held
Python/Pylons Programmer

Main activities and responsibilities
The collaboration provides implementing new features, bug fixing, structural changes at the site of Sauce Labs. Work coordination is remote. The site is developed in Python/Pylons using GIThub.com as revision control system platform.

Name and address of employer
Sauce Labs Inc - 500 Third St., San Francisco, CA 94107 USA, http://saucelabs.com/

Type of business or sector
Cross Browser Testing in the Cloud

Dates
From April 26, 2008 to December 16, 2010

Occupation or position held
Programmer and System Engineer in **Research and Development** Department

Main activities and responsibilities
Working in a research and development team for creation of a innovative and unique product in the market for wireless communications (WiFi), I worked, in a first period, on **embedded system** (ubnt, alix, pcengines), strongly customizing the operating system (ubnt, openwrt) and the softwares to manage authenitcation (hostapd, wpa-supplicant). After this first phase, I focused on the development **to flash** these devices and for large-scale production.
Also, we developed a complete solution for managing **hotspots**: I worked on server-side development to manage authentication, sessions log, signups, signals management from remote devices, intergration with our management software, payment via credit card and authentication via SMS, complying Pisanu law. As last task, I created a software for network monitoring. It is a **PyQT stand-alone** application, using internal django based API.
The technologies mostly used are Python/Django with PostgreSQL database on Debian OS virtualized on XEN

Name and address of employer
Forinicom srl, Via del Popolo, 9 Bastia Umbra, 06083, 0758001868, http://www.forinicom.it

Type of business or sector
Telecommunication

Dates
From December 11, 2006 to August 31, 2008 and September 03, 2009 to December 31, 2010

Occupation or position held
Python/Django Programmer

Main activities and responsibilities
Working in a team, I developed a management application for municipality of Bettona usign Django, Python, PostgreSQL, Linux, Apache, for **computerization of services**, for the management of personal data, building practices, urban planning, calculation of ICI tax and updating of cadastral data. Also I created and advanced web interface for sending proposed practices, on-line services conference, integration process, exploration of cadastral map in DXF and production of customized ad automated printing.
During the project i used revision control systems (SVN/GIT) with related web interface (trac) to mangae tickets.

Name and address of employer
Consorzio Miles - Servizi Integrati, CF 04881101002, Via Rocca di Papa 21, Rome http://www.consorzio-miles.com/arianna/

Type of business or sector
Integrated Services for Public Administration

Dates
From July 30, 2006 to December 30, 2006

Occupation or position held
Undergraduate student: Wireless Broadband Network - **Weconnect** project

Main activities and responsibilities
The thesis was to develop a WiFi network on order to coverage **digital-divide** areas. Thanks to this project, I acquired a wide knowledge about WiFi network and its behavior, legislation that governs the operation, RoureOS operating system (www.mikrotik.com), AAA protocol and Radius server. Finally I administered server for the provision of various network services: mail (Postfix), web server (Apache), DNS (pdns), firewall (iptables), database (PostgreSQL), hotspot (Chillispot), Debian OS, Voyage (OS for embedded Debian based system).

Name and address of employer
WEDOIT s.a.s. - Via Protomartiri Francescani,26 - 06088 Assisi (PG), http://www.wedoit.us

Type of business or sector
IT solutions

Dates
From 14 November 2005 to 30 May 2006

Occupation or position held
Trainee - **S.E.O. Search Engine Optimization**

Main activities and responsibilities
Woring in a team I acquired S.E.O. knowledge and its behavior. The internship provided a S.E.O. optimization of various websites, using *pagerank* and *link popularity* methods. Also I worked as system engineer of Debian based virtualized server and I developed S.E.O. oriented application in Python and PHP.

Name and address of employer
WEDOIT s.a.s. - Via Protomartiri Francescani,26 - 06088 Assisi (PG), http://www.wedoit.us

Type of business or sector
IT solutions

Dates
March 2002

Occupation or position held
Trainee combined with IFS project, Impresa Formativa Simulata (Enterprise Training Simulation)

Main activities and responsibilities
Administration of enterprise network

Name and address of employer
IOSA CARLO S.r.l. - 05100 TERNI - Via Pallotta n. 7 - Tel. (0744) 2460 - Fax (0744) 246035 - P.IVA 00072550551 - http://www.iosacarlo.com - iosacarlo@iosacarlo.com

Type of business or sector
Waste disposal firm

Education and training

Dates	**Since October 2008**
Title of qualification awarded	Enrolled to specialization of Computer Science, "Security" address
Principal subjects/occupational skills covered	Passed following exams with vote:

- Simulation: 30 cum laude
- Advanced programming: 30 cum laude
- Advanced Operating Systems: 30 cum laude
- Advanced Operating Systems Laboratory: 30 cum laude

Name and type of organization providing education and training	University of Perugia, Computer Science department, http://informatica.unipg.it
Dates	**May 2010**
Title of qualification awarded	**Diploma de Español como Lengua Extranjera** (D.E.L.E.) - Spanish diplome as foreign language
Principal subjects/occupational skills covered	The levels achieved in this form are as follows:

- reading comprension and written expression: 32.5 points out of 35.0
- grammar and vocabulary: 17.33 points out of 20
- comprehension and oral expression: 44.32 points out of 45

Name and type of organization providing education and training	Instituto Cervantes, C/ Alcalá 49, E-28014 Madrid (Spagna), http://www.cervantes.es
Level in national or international classification	**B1 Level**[1]

Dates	**From October 14, 2009 to May 26, 2010**
Title of qualification awarded	Certificate of attendance 42/50 hours of the 3° and 44/50 hours of the 4° module Spanish language
Principal subjects/occupational skills covered	The levels achieved in this form are as follows:

- understand the main points of clear standard speech on familiar matters
- able to describe experiences and events, reasons and projects
- deal with most situations likely to arise whilst traveling in an area where the language is spoken
- understand sentences and frequently used expressions related to areas of most immediate relevance
- can describe in simple terms aspects of their history and own experiences
- can speak of the surrounding environment and be able to express needs, intentions and predictions

Name and type of organization providing education and training	Comprehensive School "Volumnio" Ponte San Giovanni - Perugia
Dates	**From August 2009 to March 2010**
Title of qualification awarded	Paper publication **"The AES implementation based on OpenCL for multi/many core architecture"**
Principal subjects/occupational skills covered	Preparation and publication of "The AES implementation based on OpenCL for multi/many core architecture" paper for the yearly conference ICCSA 2010 (www.iccsa.org) at Sangyo University, Fukuoka in Japan. The paper discuss of an implementation of AES algorithm that runs on NVIDIA/ATI graphics card.
Name and type of organization providing education and training	University of Perugia, Computer Science department, http://informatica.unipg.it
Dates	**From February 2007 to July 2007**
Title of qualification awarded	Radio-amateur **class A license**
Principal subjects/occupational skills covered	During the course for radio-amateur i acquired excellent knowledge of radio technology basics, radio devices and its usage and basics of Physics and Chemistry (magnetism, elettromagnetism)
Name and type of organization providing education and training	C.I.S.A.R. Foligno's section
Level in national or international classification	PASSED, International Callsign **IZ0OVB**

Dates	**From 19 March 2007 to 23 March 2007**
Title of qualification awarded	Certificate of attendance to **Spanish course**
Principal subjects/occupational skills covered	During the time in Madrid, I studied spanish grammar and general Spanish culture.
Name and type of organization providing education and training	Inhispania Intlance S.L / CIF:B83744847 , Montera 10-12, 1-1. 28013, Madrid (Spain)
Level in national or international classification	**A2 Level**[2]

Dates	**01-02-03 Dicember 2006**
Title of qualification awarded	Certificate of attendance to the course: **ISO certifications**
Principal subjects/occupational skills covered	Training course on security and ISO certifications, in deeply ISO 27001:2005, policy for Information Security, Risks Analysis (RA), analysis of controls of ISO 17799:2005, Risk Transfer Process (RTP), certification process, overview of existing certification audits, audit plan and checklist, audit report, a look at the future certifications.
Name and type of organization providing education and training	WEDOIT s.a.s. - Via Protomartiri Francescani, 26 - 06088 Assisi (PG), Italy, http://www.wedoit.us
Dates	**From October 2002 to November 2006**
Title of qualification awarded	**Bachelor Degree in Computer Science**
Principal subjects/occupational skills covered	Computer science Bachelor Degree, **address "Network"**:

- Mathematics (analytical and discrete)
- Programming (C, Java, Php, html, xml, xsl, dtd, Pascal, scripting bash and csh, VB.NET, VRML)
- Databases (Mysql, MS Access and related programming language)
- Networks (ATM, xDSL, Mpls, X.25, Frame Relay), types (wireless, wired) and interaction between them
- Knowledge of multimedia system
- Overview of parallel computing (mpi)

Name and type of organization providing education and training	University of Perugia, Computer Science department, http://informatica.unipg.it
Level in national or international classification	**102/110**

Dates	**From September 1996 to June 2002**
Title of qualification awarded	**Accountant graduation programmer (Mercurio project)**
Principal subjects/occupational skills covered	Matters covered by the course (Commercial technical institute) of study as defined by the Ministry of Public Education: Chemistry / Physics, Mathematics and Laboratory, Biology / Geography astronomical, Word processing and data, Second foreign language (French), Law and Economics, Business, Economics and Financial Science, Italian Language and Literature, History, Computer Management, Applied Mathematics, First foreign language (English), Law.
Name and type of organization providing education and training	Ministry of Public Education - I.T.C. (Commercial technical institute) "Federico Cesi", Terni (TR), Italy

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[1] Evaluation according to "Instituto Cervantes de Madrid"
[2] Evaluation according to "Common European Framework of Reference for Languages"

For more informations go to: http://europass.cedefop.eu.int
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| Level in national or international classification | **85/100** |

Dates	**From 2001 to 2002**
Title of qualification awarded	Certificate of attendance to the National Project IFS **Enterprise Training Simulation**)
Principal subjects/occupational skills covered	Simulation of waste disposal firm, backed by Iosa Carlo S.r.l. (`http://www.iosacarlo.com`). Within the project I coordinated the work of all students, building the organization chart simulated and programming the website.
Name and type of organization providing education and training	Ministry of Public Education - I.T.C. (Commercial technical institute) "Federico Cesi", Terni (TR), Italy

Personal skills and competences

| Mother tongue(s) | **Italian** |

| Other language(s) | **English, Spanish** |

Self-assessment
European level(*)

	Understanding			Speaking			Writing	
	Listening		Reading		Spoken interaction		Spoken production		Writing
English	B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	B1	Independent user
Spanish	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) *Common European Framework of Reference (CEF) level*

| Social skills and competences | Working usually in a team, I have a constructive and collaborative relationship with the people around me, such as colleagues and collaborators. Sociable, friendly and good communication skills, my site is a source of continuing social contact and exchange with other technical and less technical people. |

| Organizational skills and competences | With good determination, I can work both in a team and individually managing independently my workflow. |

| Computer skills and competences | Because of **my passion for computing**, I have developed over the years a number of skills that vary in many areas of the same.
Since the years of higher education, beyond the academic success, I created and maintained an extra-curricular activity **above average**: among other initiatives in which I participated remember "The basic course on multimedia","Exposcuola 2000 in Paestum", "Basic computer as tutor role", "Computer literacy course as tutor to senior people (over 65 years old)", "XI week of scientific and technological culture", "Pluto Meeting 2001" and "Main tutor of a group of other 6 people for the course of ITALIAN IMPROVING for new students in the project "Reception, Recovery, Empowerment in early grades"". In all the projects mentioned, I participated actively devoting time and effort in learning new things about the new information technology and other.
From my first computer, I had a certain passion for the **open source** world and all that concerns him: in fact I managed machines with **Linux** distributions such as RedHat 7.3, Slackware 7.1 up to machines to Debian (from version 3.0 to current ones). Through this experience I have gained some skill and knowledge in the management of Linux: bash scripting, configuring and compiling the kernel, network services, patching the kernel, C language. In addition to Linux, I daily use OSX. Given the continued use and my passion for computers I have in-depth study of the latter.
I was active as contributor to the writing of the guide `http://www.ubuntusemplice.org/` (version 6.06 and 7.10). In this project I was reviewer and author of several chapters, I administered the machine that hosts the site, wiki, blog and mailing list.
I also have a great passion for the programming languages: I know many of them in several areas such as Python, C, PHP, Java, LSL (Linden Scripting Language). I studied LSL during my work on **Second Life**: in fact I worked on many projects in the metaverse as Italian Assis `http://www.secundavita.it`, Milan and Marostica in "**Italia Vera**" project. I have a good knowledge of graphic applications (Gimp, Photoshop) and office tools such as Openoffice.org and iWork (for OSX) |

| Artistic skills and competences | • Learning the Spanish language by myself
• Amateur photos
• Music (hobby level) |

| Other skills and competences | • Curious by definition
• Music
• Willing to learn and study
• Attraction for science in general |

| Licence(s) | • Driving license type B.
• Operator license for amateur radio station class A (nr. 020122/AN), International callsign **IZ0OVB** |

Additional information

• comply with compulsory military service (referring to studies)
• Linux Registered User #399008
• ordinary member of the LUG Perugia
• AVIS (Blood Donor Italian Association) ordinary member
• marital status: single

Attachment

No attachments