

Curriculum Vitae

Personal information

First name(s) / Surname(s)

Andrea Francia
Ingegnere dell'informazione (34 years old)

Address (permanent)

Via Baini, 31 27020 Trivolzio (PV) - Italy

Telephone(s)

+39 320 943 72 33

Mobile: +39 320 943 72 33

E-mail

andrea@andreafrancia.it

blog blog.andreafrancia.it

Nationality

Italian

Web www.andreafrancia.it

Date of birth

August 8, 1977

Gender

Male

Desired employment / Occupational field

Programmer

Work experience

(Other jobs done during the university period are not reported, you can ask the list of such jobs by mail)

Dates	Sept 2010 to Sept 2012
Occupation or position held	Python Programmer and System Engineer
Main activities and responsibilities	<ul style="list-style-type: none">Evolution of Satellite Image Orthorectification server (OGC/WPS)Development of Orthorectification client.Apache TLS/SSL Client certificate for Virtual Organizations
Name and address of employer	Joint Reserch Centre @ Ispra(VA) - Italy (European Commission)
Type of business or sector	Istituzione governativa.
Dates	June 2010 to July 2010
Occupation or position held	Java Programmer
Main activities and responsibilities	<ul style="list-style-type: none">Web site maintenance for www.dixero.comDevelopment of Audible Horoscope Channel with Text To Speech SystemMaintenance of other Text To Speech Audible Channel.
Name and address of employer	Dixero International SA di Lugano (CH)
Type of business or sector	Communications
Dates	Jan 2006 to May 2010 (permanent, tempo indeterminato)
Occupation or position held	Senior Software Developer
Main activities and responsibilities	<p>Projects:</p> <ul style="list-style-type: none">SISMA (ASI): System Engineer, Architect and Developing ChiefAlpsGPS-QuakeNet (Università di Trieste): Software Analyst and DeveloperCosmo Skymed NCC (Telespazio): Software Analyst and DeveloperNDA Professional (Galileian Plus): Developement consultantGPortal (Galileian Plus): Software Analyst and Developer <p>Tecnologie e metodologie: Java EE, UML, TDD, ESRI ArcGIS. Redazione documentazione di progetto secondo standard di qualità ECSS.</p> <p>Altre Responsabilità: Gestione e manutenzione della rete e dei servizi aziendali (Amministrazione Linux, LDAP, Samba, Subversion).</p>
Name and address of employer	Galileian Plus S.r.l. Roma (GKH Group)
Type of business or sector	Applied Geodesy

Dates	Part time activity during the 2010
Occupation or position held	Software Developer
Main activities and responsibilities	Characterization Tests for Legacy code in C++
Name and address of employer	Amped AREA Science Park Padriciano 99, 34012 Trieste, Italy
Type of business or sector	Forensic Video Enhancement Software
Dates	Part time activity during the 2009
Occupation or position held	Software Developer
Main activities and responsibilities	Maintenance for Legacy code in PHP
Name and address of employer	Outadmin Italia S.R.L.. 20098 San Giuliano Milanese (MI).
Type of business or sector	Web Hosting
Dates	Part time activity during the 2006
Occupation or position held	Web Software Developer
Main activities and responsibilities	Requirement Gathering, Design, Developing and Deploy of www.marcolavocediradiozeta.it .
Name and address of employer	Marco La Voce Di Radio Zeta (Itailan Musical Band)
Type of business or sector	Web sites
Dates	Dec 2004 – Dec 2005
Occupation or position held	System and Network Administrator
Main activities and responsibilities	Design and implementation of Linux Servers for security and data management. Design of networking solutions LAN, VPN, IP tunnel. Remote managing of over Linux servers of over 50 customers.
Name and address of employer	Tecnoteam s.r.l, via Ingrao, 11 Pavia
Type of business or sector	IT consulting, Hardware reseller
Dates	Sept '04 – Oct '04
Occupation or position held	Software Developer
Main activities and responsibilities	<i>Java developing using technologies jsp, xml, ant, toad, xmlspy</i>
Name and address of employer	"Program & Project Consulting (Milan)" for "Uniteam (Milano)" for "UniCredit Servizi Informativi"
Type of business or sector	Body Rental / IT consulting
Dates	<i>Mar 04 – Lug 04</i>
Occupation or position held	Web Developer
Main activities and responsibilities	Analysis, Development, and validation of project "Sito del personale"for dell'Università di Brescia. Technologies: Oracle Application Server Portal, J2EE.
Name and address of employer	Ariadne Srl di Pavia - via del Torchio,1 Casottole (PV)
Type of business or sector	IT Consulting (Specialized in Web Consultancy)
Dates	Jan 04 – Feb 04
Occupation or position held	Software Developer
Main activities and responsibilities	Re-engineering and development of the Control Application for the company main product (an Artificial Vision Systems for pharmaceutical productions lines). Technologies: Visual C++ e QT di Trolltech.
Name and address of employer	SeaVision di Pavia
Type of business or sector	Industry
Dates	Part time during the Academic period 1998-2001
Occupation or position held	Tutor for Computer Science Principles (Fondamenti di informatica)

Main activities and responsibilities Name and address of employer Type of business or sector	Teaching programming languages (Java in 2000/2001, Fortran in 1999/2000, C in 1998/1999) Università degli Studi di PAVIA Teaching
Education and training	
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training	End of 2003 Frequenza, esame sostenuto e superato. Matematica, Teoria dei Giochi (Interazioni strategiche) Seminario di "Teoria dei Giochi", presso l'Almo Collegio Borromeo di Pavia, corso tenuto dalla prof.ssa Anna Torre.
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training Level in national or international classification Degree Thesis Notes	Oct 1996 – Dec 2003 Information Engineer (Ingegnere dell'informazione) Laurea in Ingegneria Informatica 108/110, (Esame di stato superato) Computer Engineering (Ingegneria Informatica) Università degli Studi di PAVIA Computer Engineer (Ingegnere Informatico) Title: "Ruolo del crossover in un algoritmo evolutivo finalizzato alla sintesi di un sistema di visione artificiale", Subject: Artificial Intelligence. Won Merit Scholarship for the second, third, fourth, fifth and the sixth year.
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training	1992 – 1996 55/60 - Diploma di Perito Informatico Informatica (Computer Science) Istituto Tecnico Industriale Statale – Pavia

Personal skills and competences

Mother tongue(s) Italian

Other language(s) **English (PET certification)**

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Advanced	C1	Advanced	C1	Advanced	C1	Advanced	C1	Advanced

(*) Common European Framework of Reference for Languages

Social skills and competences

Working in Team. Assertiveness. Clear writing. Active Listening.

Organisational skills and competences

Skills about **coordinating** developers:

- Organize a brief meeting with co-workers every morning for planning the day
- Writing guide lines

Choose and setting up of collaborative tools appropriate for the project:

- Issue Management Systems (JIRA, TRAC)
- Version Control System (Subversion, CVS, Mercurial and GIT)

Technical skills and competences

- Teaching.
- Writing technical software documentation (in English and Italian).
- Test Driven Development
- Working and setting up tools for remote collaboration (Google Docs, Email, Gobby, Skype, Subversion).
- Work per objectives
- Managing and coordinating work of other people

Computer skills and competences

Java, Python, J2EE and JavaEE, JPA, UML, and others technologies and languages.
Windows and Advanced Linux administration

Other skills and competences

Driving licence Category B.

Additional information

Scientific works

European Geosciences Union - General Assembly 2009 Vienna
The SISMA Project: A pre-operative seismic hazard monitoring system.
Massimiliano Chersich, Angelo Amodio, Andrea Francia, and Claudio Sparpagione
Vol. 11, EGU2009-10946, 2009
EGU General Assembly 2009

Open Source Projects

- **Founder** of trash-cli project – <http://code.google.com/p/trash-cli> (included in Debian and Ubuntu).
- Apache FtpServer: **contributed patches** (<http://mina.apache.org/ftpserver>)
- Realtime kernel S.Ha.R.K.: **porting of the Realtek rtl8139 driver** from Linux (<http://shark.sssup.it>)
- Many bug reports for various projects.