

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name **MARIO FORNAROLI**
Date of birth **October 6th, 1984**
Nationality **Italian**
Currently living **Bruxelles, Belgium**
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EDUCATION AND TRAINING

Master and Bachelor Degree in Electronic and Telecommunications Engineering (110/110 cum Laude)

2003 – 2009, University of Pavia, Italy

Master thesis on "Processing of Hyperspectral Remote Sensing data"

Diploma in Information Technology

1998 – 2003, Secondary school - I.T.I.S. A.Volta in Lodi, Italy

Specializations in Computer Science, Electronic and Telecommunications

MY EXPERTISE

During my work experience I have developed several Windows applications (mainly C# .Net with WPF) and multi-platform applications (C++ Qt framework for Linux), often in the domain of cryptography and security. I developed with Object Oriented Programming (OOP).

C# .NET WPF
Cryptography

Being passionate of web development, in addition I've worked as freelance in realizing web applications and websites. The technologies I'm mainly using are ASP. Net MVC with Entity Framework and SQL Server (server side) and HTML5, CSS, Javascript, AngularJS and jQuery (client side).

ASP MVC HTML
CSS Javascript
AngularJS jQuery
Bootstrap

I have also developed DLLs (C/C++ language) to communicate with external devices through API. I developed a couple of modules (C language) to embed in a Hardware Security Module in the domain of cryptography for the brand protection market.

C++ C Delphi

I enjoy a lot working with Microsoft Visual Studio! It is my favorite IDE. I also developed some project with Qt Creator and Borland/Embarcadero.

Visual Studio
Qt Creator
Embarcadero

I am passionate about my job!
I constantly train myself, mainly through online courses the evening after the work.

WORK EXPERIENCE

March 2012 – Now (3 years)

Software Developer

STMicroelectronics – Brussels (Belgium)

I've been working as developer in the software tool department. I developed tools for internal and external customers, mainly in the domain of cryptography and security.

I mainly developed several Windows applications in .Net (C# WPF) and DLLs in C/C++. Some other smaller project I realized involved Delphi, and Python languages and Qt framework.

2013 – Now (2 years)

Web Developer

Freelance – Brussels (Belgium)

Being passionate about web development, I decided to develop several web applications as freelance.

I mainly work with Asp .NET MVC, Entity Framework and SQL Server (server side), and HTML5-CSS-Javascript, AngularJS and JQuery (client side).

April 2011 – March 2012 (1 year)

IT Consultant – Banking solutions

Callataÿ & Wouters – Brussels (Belgium)

Development and implementation of software to manage banking activities.

I've developed mainly in Cobol and SQL and I've provided debugging activities of Java programs.

I've worked on client site (Crediti Agricole bank) as customer support engineer providing solutions for core-banking activities.

May 2009 – March 2011 (2 years)

ICT Consultant – Aerospace domain

CALLISTO SPACE Ltd. Toulouse (France)

I've worked on a study of feasibility to investigate solutions for building a new ESA (European Space Agency) antennas ground station for future Deep Space missions. In the course of this study I developed two main software.

One to monitor and control various external devices using TCP/IP, Serial and USB connections (LabVIEW).

The second is a simulator (C++) to coordinate the delays in antennas signals reception.

LANGUAGES

Italian

Mother Tongue

English

Very Good

I have been working in a multicultural environment where English is the main common language for the last 5 years. During my academic period I took summer courses in English every year in UK, Ireland or Malta. Electronic and Telecommunication Consulting.

French

Bilingual.

I've been living in France and Belgium for the last 5 years. Moreover, having a French speaking wife, I speak French every day.

Spanish

Good.

I spent 8 months in Spain attending the University of Extremadura participating to the ERASMUS project. DELE (Diploma de Español como Lengua Extranjera) Certificate awarded in 2009.

TRAININGS	Online Trainings
	<p>I'm continuously training myself, mainly through online courses. I do it very often in the evening after the job.</p> <p>I am a big fan of Microsoft Virtual Academy and I am in the top 100 ranking of my country. That's where I mainly follow the online courses. Other websites I stay tuned with are Udemy and Coursera.</p>
	C# Fundamentals
PERSONAL SKILLS	Egilia Belgium - January 2013
	ISTQB Certified Software Tester
	Brussels - March 2012
PERSONAL SKILLS	<p>Throughout my education and work experience I have developed competencies in Information Technology, Telecommunications, Electronics, Mathematics, Physics and Programming Languages.</p>
	<p>I have carried out technical projects either alone or by working in team.</p>
	<p>I have learnt how important is to keep focused on the objectives. I trained myself to prioritise tasks, manage time effectively and to work well as part of a team.</p>
HOBBIES	<p>Reading novels, playing soccer and swimming.</p>