

Roberto A. Foglietta

Innovation Technology Consultant

Unix/Linux Solutions Architect



born in 1974, Genova (Italy)

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Curriculum Vitae

updated on July, 4th 2016

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Education

• Executive Master in Innovation Technology Management, 2014 – 2015

Bologna Business School – Università di Bologna, degreed on July 1st, 2016

Courses Subjects: Strategic Cost Management, Strategic Innovation Management, Intellectual Property Opportunities, Strategic Entrepreneurship, Marketing, Technology Innovation Management, Technology Strategy, Entrepreneurship Business Planning, Project Management, Enterprise Operative System and Supply Chain, Leadership and Creativity.

• Master in Free & Open Source Software Technologies, 2005 – 2006

Alma Graduate School – Università di Bologna, degreed on January 10th, 2008

Courses Subjects: License Models, Business Models, Project Management Tools, Networking, Italian and International Copyright and Patent Law Principles, Team Collaboration and Workgroup Tools, Software Revision Control Tools, Wiki, Applied Security Principles.

• Bachelor of Science (BSCD) in Physic, final project in cybernetic (neural network), 1993 – 2003

Università degli Studi di Genova, degreed on March 17th, 2004

• Higher School (HSCD) in Industrial Electronics, theory and laboratory courses, 1988 – 1993

I.T.I.S Aldo Gastaldi di Genova, degreed on November 11th, 1993

Courses attended

- **2011** - Digital Forensic & Cybercrime Investigations Advanced Training Course (Genova, Italy)
- **2008** - Intensive Full Immersion Linux Embedded Training Course (Vence, France)
- **2003** - 8 months part-time Advanced English Language Course (Genova, Italy)
- **2002** - 4 weeks full immersion English Language Course (Valetta, Malta)
- **2002** - 8 months part-time First Certificate of English Language Course (Genova, Italy)
- **2001** - 4 weeks full immersion English Language Course (Eastbourne, UK)

Languages

- **Italian:** Native or bilingual proficiency
- **French:** Limited working proficiency
- **English:** Full professional proficiency
- **German:** Elementary proficiency

Presentation

Creative problem solving strongly oriented to results with an executive attitude to take decisions and manage responsibilities. Capable to bring value in team and to maintain an independent perspective. Proficient to work under tight dead lines and restricted constrains. Able to identify commercial trends and pursue business opportunities. I like to be involved in a product or service delivery from the scratch to the end user.

- As senior UNIX/Linux software and system architect with 15 years of experience, I was involved in delivering solutions from real-time embedded systems to high availability high power computational cluster for financial analysis. I was also involved in designing and developing graphical user interfaces for automotive and industrial markets with different valuable characteristics like user-friendly, easy-to-change, low-bandwidth remotable and low-latency updates in interactions and displaying.
- Professional experienced in following roles: Linux HA HPC-Cluster System Architect (progettista di sistemi ad alta potenza di calcolo e alta affidabilità), Linux Embedded System Architect (progettista di sistemi Linux embedded), RTAI/RTnet Linux Kernel Driver Developer (sviluppatore Linux real time kernel driver), Posix/Unix/Linux Software Developer (sviluppatore software piattaforma Unix), Low-Bandwidth Networking Simplified Graphic User Interface Designer (sviluppo di interfacce grafiche utente semplificate a ridotto consumo di banda), On-The-Shelf Hardware and FLOSS Integrator (integrazione di elettronica di consumo e software OpenSource), Digital Forensic Advisor (consulente tecnico forense di parte).
- Career contracting and negotiation evolution: part-time (2000 and before), employee (2001 – 2006), consultant (2006 – 2008), self-employed consultant (2009 – 2013), entrepreneur (2011 – 2013), working abroad (2014), master studying (2015).

Projects

Business Plan based on a Patented Technology

EMTIM, Entrepreneurship & Business Plan, May 2015 – July 2015

Professors: Paolo di Marco, Rosa Grimaldi, Antonella Villano

Team size: 6 members

Presentation of a business plan about application of a patented lightweight power-saving micro-piezoelectric ultrasonic active/passive sensor for avionic structural integrity real-time in-flight check in civil commercial airplanes maintenance management.

Sleeping Cabs for International Hub Airports Start-up Plan

EMTIM, Final Project Work, September 2015 – November 2015

Professors: Massimo Franceschetti, Mauro Marini, Claudia Miani, Anna Raffoni

Team size: 6 members

Presentation of a business plan about application of a patented lightweight power-saving micro-piezoelectric ultrasonic active/passive sensor for avionic structural integrity real-time in-flight check in civil commercial airplanes maintenance management.

Thesis

Real-time Linux kernel network driver for controlling stepper motors

MOFSSSET, Thesys, March 2007 – July 2007

Professor: Alessandro Rubini

Web page: lugge.wikidot.com/foglietta

Master thesis about a control system based on a real-time close-loop feedback implemented on standard Ethernet RJ45 network and RTAI/RTnet Linux reduced TCP/IP stack driver. Source code of the device driver and user-space complementary software were published into a wiki

Publications

Glade visual C/GTK+ programming course by examples

Linux & C. magazine n.6, 7 and 8 – April, 2000

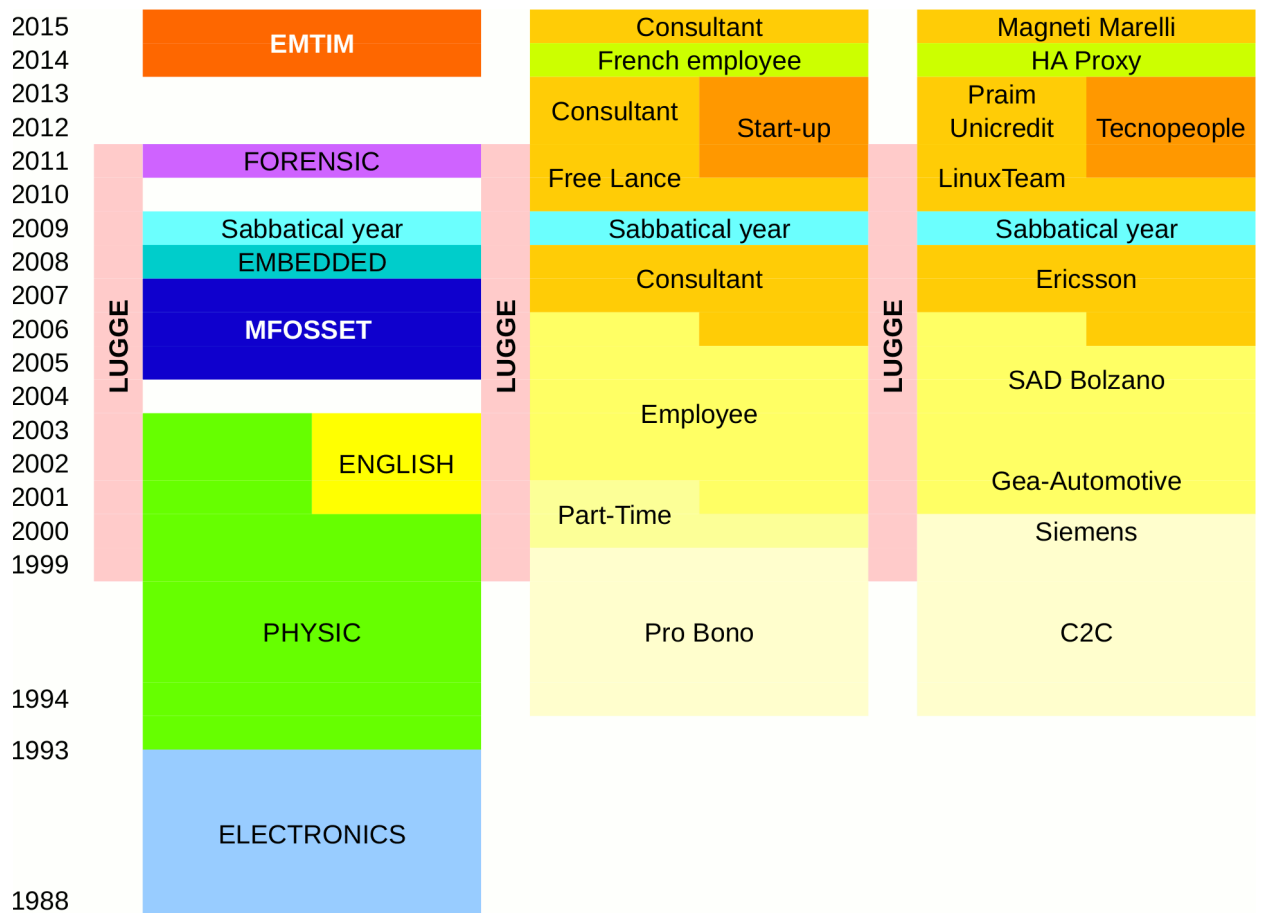
An introducing course by examples to GTK+/Glade/C about graphical applications software development. Three articles, published on the Italian periodic Linux specialized magazine in April, May and June of 2000

Encrypted Filesystem Benchmark

Hakin9 magazine n.10 – October, 2007

Starting level article about cryptographic file-systems: usage motivations and compared benchmarks over different storage supports. Published in October 2007 on an international security magazine.

Summary



Experiences

Linux Embedded System Integration Consultant at Magneti Marelli

November 2014 – July 2015 (9 months)

Linux Embedded Developer employee at Haproxy Technologies s.a.s.u.

January 2014 – July 2014 (7 months)

Linux Embedded Senior Free Lance at Haproxy Technologies s.a.s.u.

September 2013 – December 2014 (4 months)

Linux System Administrator as Free Lance at Comune di Celle Ligure

August 2013 (1 month)

R&D Linux Embedded System Architect as Free Lance at Praim s.r.l.

April 2013 – August 2013 (4 months)

Founder, Co-Owner & CEO at Tecnopeople s.r.l.

March 2011 – February 2013 (2 years)

Senior Linux System Architect Consultant at Unicredit Global Information Services s.c.p.a.

July 2012 – December 2012 (5 months)

Self employed at www.linuxteam.org

March 2009 – March 2012 (3 years)

Linux Embedded Software Architect as Free Lance at Well Engineering s.r.l.

July 2004 – December 2008 (4 years 6 months)

Linux Embedded System Architect as Consultant at Marconi – Ericsson s.p.a.

May 2006 – September 2008 (2 years 5 months)

Linux Software Developer at SAD Trasporto Locale Bolzano

March 2004 – February 2006 (2 years)

Linux Software Developer as Free Lance at Tecnoelettrica Brianza s.n.c.

December 2004 – January 2005 (2 months)

Network and Security Advisor as Free Lance at Polizia di Stato

December 2003 – January 2004 (2 months)

R&D Linux Embedded System Architect at GEA-Automotive s.r.l.

October 2001 – December 2003 (2 years 3 months)

Linux GTK+/C GUI Developer as Free Lance at Controlli Numerici Industriali s.r.l.

May 2001 – October 2001 (6 months)

Solaris Shell Scripting Procedure Developer at Siemens Communications Italia s.p.a.

July 2000 – December 2000 (6 months)