

Jorge Albaladejo

Telecommunications engineer ~ Jr. electronics designer ~ Sr. web developer

Website: www.jorgealbaladejo.com ~ Email: correo@jorgealbaladejo.com

Rue de Lausanne 21, 1020 Renens, Vaud, Switzerland ~ Phone: +41 797 259 737

Date and place of birth: September 14th 1981 in Elche, Spain. Swiss B permit.



Resume

As a telecommunications engineer, I'm interested on a wide range of projects involving programming, web and internet, networking, electronics and computing, and particularly **challenging projects** with which I can learn new technologies.

While I have professional experience in the quality assurance, team leadership, and web development fields, I would also like to go into **electronics** in depth.

Finally, learning from different sources has given me a general understanding of **technology projects**, which helps me to creatively solve new engineering issues.

Education

2004 – 2010: Bachelor in Telecommunications Engineering ~Miguel Hernández University, Elche

I have advanced my academic career while developing my professional path to gain both theoretical and practical skills. I chose a Specialty in **Electronic Systems** to combine my professional abilities with my passion for electronics. I got a distinction in OOP with Java [[Examples](#)]. [[Final Project](#)].

Additional Training and Courses

July 2005: Course on Administration of Linux Servers ~Miguel Hernández University, Elche (25h)

June – September 2001: Course on Microcomputers ~GESFOR, Elche (500h)

Computer maintenance, installation and configuration. Setting and configuration of TCP/IP networks.

Academic Skills

- **Analog electronics design:** sensors, oscillators, amplifiers, filters, signal processing circuits.
- **Embedded and digital electronics:** PIC's, FPGA's, automates, digital circuitry design.
- **Fields:** power electronics, communications electronics, control and automation electronics.

Electronics Designer Portfolio

- I interfaced a GSM modem via AT commands through a parallel port with a **FPGA** Xilinx SpartanII.
- I designed and programmed a small domotic system (air conditioner / heater, lights, blinds) with analog sensors and a **PIC16F877X** processor programmed in assembler language.
- I designed and mounted a 3 bit calculator with **NAND** and **NOR gates**.
- I learned about radio emitters and receivers and mounted a simple AM decoder.
- I performed a wide range of electronic tasks: analog function generator, multi-stage audio amplifier, AC/DC rectifier, etc.

Languages

- **English:** First Certificate in English – currently studying for the Certificate of Advanced English.
- **French:** Living in Switzerland since 2007, I have a B2 equivalent level.
- **Spanish and Catalan:** mother tongue.

Personal Skills

- I am a **fast learner** and very motivated to take up new challenges related to new technologies.
- I am a strong **team worker**, and thrive on collaboration to achieve higher goals.
- I am **dynamic** and **proactive** and believe in the philosophy 'Get things done'.
- I am a **perfectionist** and **passionate** about my field. I enjoy my job and always try to do my best.
- I am **customer focused** and have a good understanding of the purpose of my job.

Web Developer Experience

2009 – 2010: [Sensorscope Sàrl](#) ~ web developer, database designer, servers administrator (80%)

Sensorscope is a start-up company at EPFL where I have been able to acquire solid technical skills while working in [Climaps](#) – a meteorological monitoring web application based on LAMP.

2009– 2010: [LCAV](#) – Audiovisual Communications Laboratory at [EPFL](#) ~ web developer (20%)

I coordinated a migration of the LCAV site and developed another one for the [USense](#) project.

2007 – 2008: [Trymedia Systems](#) for [Real Networks](#) ~ quality assurance lead, internal tools developer

Trymedia Systems provides high quality anti-piracy software for multimedia digital products. As a quality assurance leader, I gained a lot of experience of team work, process optimization and business organization.

2005 – 2006: Freelance and entrepreneur in web development [studio](#)

I co-founded a web development studio focused on global internet solutions, where I acquired many skills related to SEO, W3C standards, servers administration, and the complexity of running a project from A to Z.

Web Developer Portfolio

Please, visit my full portfolio for further examples of my work: <http://jorgealbaladejo.com/about/portfolio/>.

My LinkedIn account: <http://www.linkedin.com/in/jorgealbaladejo>.