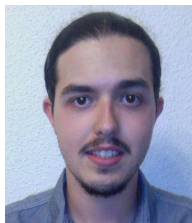



PERSONAL INFORMATION



Alberto Donado Rodríguez

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 +34 646064452

 alb.donado@gmail.com

 www.albertodonado.com

Sex Male | Date of birth 12 September 1988 | Nationality Spanish

WORK EXPERIENCE

October 2012 – September 2013

Hardware / Firmware engineer

HV Sistemas

Aerospace Projects for Airbus, Thales Alenia Space, Astrium and CRISA

- Develop digital systems based on FPGA
- VHDL, C and C++
- Electrical Ground Support Equipment (EGSE)
- Altium electronic design

May 2012 – September 2012

Hardware engineer

Thales Alenia Space

Project SeoSat/Ingenio (Scientific Earth Observation Satellite)

- PCB design, validation and test
- OrCad schematics

June 2011 – September 2012

Hardware / Firmware engineer

AKCELWARE SL

Develop IP CORE CAN 2.0

- FPGA Spartan 3A
- Coding, simulation and implementation
- ChipScope Pro testbench

EDUCATION AND TRAINING

September 2013 – 2014

MPM - Master of Project Management

UNED

October 2006 – November 2012

MEng Telecommunications engineer

Universidad Rey Juan Carlos, (Spain)

(2008-2009) 4x4 Wireless Project: Design, assembly and testing of a 4x4 vehicle Wifi control

October 2007 – November 2012

BEng Computer systems engineer

Universidad Rey Juan Carlos, (Spain)

PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](#)

Job-related skills

- FPGA: Requirements specification, RTL design, coding, simulation and implementation
- Software: OrCad, Altera Quartus, Xilinx Design Manager, Xilinx ISE Simulator, Matlab, Eclipse, Netbeans, Radio Mobile, ChipScope Pro
- Programming languages: VHDL, Java, C, C++, Python, SQL, Pascal, UML
- Communication protocols: CAN, UART, SPI, Ethernet, TCP/IP, I2C, MIL-STD-1553
- Telecommunications: Antenna design, Radio propagation, Telephone network, RF planning, Wifi, Wimax, 2G, 3G, 4G, Mobile systems, MIMO, Beamforming and OFDM
- Telematic: Peer-to-peer, Sockets, Django, Wireshark, Computer Networks.
- Operative Systems: Windows, Linux, Plan 9
- Subversion: SVN
- Project Management

ADDITIONAL INFORMATION

Driver's license