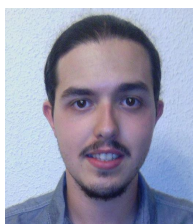


## PERSONAL INFORMATION



## Alberto Donado Rodríguez

 C:/Bolivia nº10 2°C, 28937 Móstoles (Spain)

 +34 646064452

 [alb.donado@gmail.com](mailto:alb.donado@gmail.com)

 [www.albertodonado.com](http://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

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)

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