

PERSONAL INFORMATION

Julián Caro Linares



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Sex Male | Date of birth 2 Feb 1989 | Nationality Spanish

WORK EXPERIENCE

1 Sep 2014–1 Sep 2016

R&D Robotics and 3D printing Engineer

BQ (Mundo Reader S.L.) (Spain)

I've been working at BQ inside the R&D and Education department where I used to create contents using Arduino, 3D printers, and even recycled objects used in projects to show makers, teachers and kids, the potential of creating robots using the Maker movement.

I used to collaborate in the design and development of educational robots like the BQ Printbot Evolution or the biped robot BQ Zowi. I also help to improve the block programming language Bitbloq.

Additionally, I've been forming teachers in STEM, programming, 3D design and 3D printing to improve their classroom lessons. I taught this lessons inside University Master courses.

Finally, I created the projects of three textbooks inside BQ in collaboration with the spanish publishing house Santillana where I use basic tools like Arduino, Python, block programming languages like Bitbloq and Scratch and 3D design CAD programs like Freecad and Openscad.

Business or sector Manufacturing

1 Sep 2012–1 Jan 2014

Volunteer at ESN CARLOS III (Erasmus Student Network) working as a Communication Manager

Erasmus student network (ESN), Madrid (Spain)

I worked as a volunteer at the biggest non-profit organization in Europe for the Erasmus exchange program students where I used to organize social events, trips across the country and more.

I also worked as a Communication Manager making marketing campaigns on social media, newsletters and other media.

Business or sector Arts, entertainment and recreation

EDUCATION AND TRAINING

1 Sep 2014–1 Aug 2016

Master in Robotics

University studies
(Master)

Universidad Politécnica de Madrid
c/ José Gutiérrez Abascal, 2 , 28006 Madrid (Spain)

Nowadays I'm finishing a Master in Robotics research and Automation at Universidad Politecnica de Madrid. I just started my Master Thesis about Biorobotics and an Hibryd control using Open Source FPGAs.

1 Sep 2011–1 Aug 2012

Ingegneria Elettronica e Ingegneria dell'Automatizzazione

University studies
(Bachelor)

Politecnico di Milano
Piazza Leonardo da Vinci, 32 , 20133 Milan (Italy)

I made an Erasmus exchange program in Milan, Italy, where I studied Electronics and Automation at Politecnico di Milano.

Beyond the studies, I learnt Italian and improved my English, make new international friends around

the world, and discovering different cultures and traditions.

1 Sep 2008–1 Mar 2014

Industrial Engineer in Electronic and Automation

University studies
(Bachelor)

Universidad Carlos III de Madrid

Av. Universidad, 30 (edificio Sabatini), Leganés (Madrid), 28911 Leganés (Madrid) (Spain)

I took a Degree in Electronics and Automation at Universidad Carlos III de Madrid where I've been study how to design electronics, make industrial process, programing, how to use industrial and service robots and much more. Inside the university, I also participated in the Basketball team, Robotics university association and ESN association.

1 Apr 2014–1 Jun 2014

Samsung tech institute-UPM: App development in Android- 200 h.

University studies
(Bachelor)

Universidad Politécnica de Madrid (UPM)-Samsung tech institute

Boadilla del Monte (Madrid), 28660 Madrid (Spain)

I was selected to make a course of App development in Android by the Samsung tech institute and Universidad Politecnica de Madrid. I learnt how to develop and program Android apps working in small and big teams of developers. The course had a duration of 200 hours.

PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| Italian | C1 | C1 | C1 | C1 | C1 |
| English | C1 | C1 | B2 | B2 | B2 |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Other skills

Software development, Media strategy, C (programming language), Computer technology (engineering), Electronics, Analogue electronics, Robot system programming, C++ (programming language), Python (programming language), Assembler (programming language), Electronics design, Electronics development, FPGA (programmable circuit), Marketing (market communication), Extensible Markup Language (XML), Analogue design, Reading of electrical diagrams, Digital electronics, Robot technology, Market surveys (result analysis), Test management (electronics), VHDL hardware description language (VHDL), Linux, Digital design, Programmable logic controller, Hardware design, Quality control, Real-time programming, HTML5, Electronic field production (EFP), Hardware development, Applications programming, Electricity/electronics (teaching)

Driving licence B, B1