Eudald Bover Capdevila

Electronics Engineer. Control systems.

Entrepreneur

Personal information

DNI:	47849545T
Birth date:	19/02/1992
Address:	Vic, Barcelona, Spain
Email:	eudaldbc@hotmail.com
Web:	www.eudaldbover.cat
Others:	Driver license and willing to travel

Education

Degree in Electronic Industrial Engineering. 1st in the promotion
Polytechnic University of Catalonia, 2010 – 2014

Master's Degree in Mobile Applications and Games. 1st in the promotion
Central University of Catalonia, 2014 – 2015

Course in Entrepreneurship
Open University of Catalonia, 2011 - 2012

Work experience

Electronics Engineer and Control Systems, R&D, GIRBAU GROUP, 2014.05 - Current

Hardware and software development
 Product requirements definition
 Customized electronics technical specification
 Software specification and development
 External projects coordination: electronic design, usability and graphic design

Sensors and actuators
 Technical specifications, benchmark and selection
 Power supplies, batteries, temperature sensors, speed sensors, pressure sensors, water and steam valves, accelerometers, speakers, water pumps, connectors, contactors, inverters, TFT, touch screen, cover lens, solenoids, switches, coin selectors and other payment systems

Product certification
 Machine directive and risk analysis: 2006/42/EC, ISO 12100
 Machine standards: EN ISO 10472-1/-2, IEC 60335-1/-2-7, UL2157, UL1206…
 Safety standards: IEC 13849, IEC 60335-1/-2-7, IEC 60730-1/-2-9
 EMC requirements: Radiated and conducted emissions and immunity, ESD

Agile Scrum methodology

Engineering assistant, R&D, SEIDA VIC S.L., 2011.06 - 2011.09
Design of electric schematics

Electronic store assistant, ELECTRÒNICA BOVER S.A., 2010 - 2011
Customer service
Advertisement design

Language skills

Catalan and Spanish, Native

English, Advanced
FCE B2, Cambridge ESOL 2013
CLUC B2, UPC University 2013

Technologies

Software development:	C and C++ (microprocessors and microcontrollers)	★★★★★
Mobile apps development:	Android Studio, XCode, HTML	★★★★
PC apps development:	Qt Creator, Sharp, VB (Linux and Windows)	★★★★★
Electronic design:	Eagle, Proteus	★★★
Electric design:	Autocad, Elecworks	★★★★★
Web design:	HTML, PHP, CSS, JS	★★★
Mathematics:	Matlab, R	★★★★

Personal projects

Co-founder, DesdeCasa.cat, 2012 - 2013
Web platform to offer discounts at restaurants

Web design, 2012
Restaurant web design with online reservations

Merits

1st in the promotion, Master's Degree in Mobile Applications and Games, 2015

1st in the promotion, Degree in Electronic Industrial Engineering, 2014

Research Work Award, *Generalitat de Catalunya*, 2011