

Eudald Bover Capdevila

Research Team Manager

Control Systems Engineer

Entrepreneur



Personal information

DNI	47849545T
Birth date	19/02/1992
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Others	Driver license and willing to travel

Education

Degree in Electronic Industrial Engineering - Graduated 1st in the promotion

Polytechnic University of Catalonia, 2010 – 2014

Master's Degree in Mobile Applications and Games - Graduated 1st in the promotion

Central University of Catalonia, 2014 – 2015

Course in Entrepreneurship

Open University of Catalonia, 2011 - 2012

Work experience

Research Team Manager, R&D, GIRBAU GROUP, 2019.12 - Current

Research team management

- Identify priority projects of technological innovation.

- Define, plan and carry out the tasks to validate the identified projects in order that they can end up entering the development roadmap.

- Manage the internal and external resources for the realization of the tasks.

- Technical and contractual communication with the technological partners.

- Ensure involvement and participation in the multi-function project teams of all areas.

- Drive creativity into the projects.

- Participate in the business model development related to the research projects.

- Analyze customer needs and competitors new projects to detect new opportunities.

Electronics Engineer and Control Systems, R&D, GIRBAU GROUP, 2014.05 - 2019.12

Hardware and software development

- Control requirements definition for new range of products.

- Customized electronics technical specification based on Linux and microprocessors.

- Specification and development of multi-threaded application software.

- Software design for industrial communications (serial, payment systems, IoT).

- External projects coordination: electronic design, usability and graphic design.

Sensors and actuators

Technical specifications, benchmark and selection.

Power supplies, batteries, temperature and pressure sensors, water and steam valves, accelerometers, water pumps, connectors, contactors, inverters, TFT, touch screen, cover lens, solenoids, switches, 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.

Engineering assistant, R&D, SEIDA VIC S.L., 2011.06 - 2011.09

Electric schematic designs

Electronic store assistant, ELECTRÒNICA BOVER S.A., 2010 - 2011

Customer service and advertisement design

Language skills

Catalan and Spanish, Native

English, Advanced

FCE B2, Cambridge ESOL 2013 and CLUC B2, UPC University 2013

Technologies

Project management	JIRA Atlassian (Scrum, Kanban)	★★★★★
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)	★★★★★

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

Two patents inventor while working at Girbau, 2018 and 2019

ADN Intraprèn Award for intrapreneurship process, 2019