

Experience

Indra Sistemas, S.A Operations Dept.	<ul style="list-style-type: none"> • Project manager in the product development and manufacturing of Transport Solutions. Managing tight deadlines by aligning team members to follow a result-oriented mentality and the application of concurrent engineering • Progress reporting, and cost tracking in meaningful ways to provide insightful data as needed by upper management 	10/2018 – Present
HP Inc. “Wet Mechanics” Dept.	<ul style="list-style-type: none"> • Mechanical Engineer, responsible for product stabilization & first customer support of the Agent delivery system in HP 3200/4200 3D Jet Fusion printer, as well as new platform brainstorming, modelling and test bed implementation of future 3D platform agent delivery. • Development of hardware design for highly complex and cost-effective fluid transport and recirculation system for White latex inks in HP Latex 64 inch printer. 	10/2016 – 09/2018
ALTRAN Innovación S.L Aerospace & Defence Dept.	<ul style="list-style-type: none"> • Mechanical design and system integration for the development of rear auxiliary hybrid propulsion device to fit on narrow body airbus aircraft to reduce fuel consumption. 	10/2015 – 09/2016
Noise & Vibrations Dept.	<ul style="list-style-type: none"> • Development of a software tool to generate shock response spectra graphs. • Health and safety risk assessment on the manufacturing and assembly of wind turbines. 	06/2015 – 10/2015
Líneas y Cables S.A R&D Dept.	<ul style="list-style-type: none"> • Assistance in product specification and design in call for tenders for the Spanish “Ministry of Defence” by understanding the needs of the customers and providing turnkey solutions the contract was won. 	06/2014 – 09/2014 05/2013 – 09/2013
Universidad Pontificia Comillas (Intern) Mechanical Engineering Dept.	<ul style="list-style-type: none"> • Reverse engineering process research for automatic error correction and calibration in 3D FDM printers. • Complete design and manufacturing of parts from conceptualization to machining, forming, or rapid prototyping. • Taken part in research papers as assistance for PhD. 	09/2014 – 06/2016

Education

Universidad Ramon LLul – La Salle Barcelona, Spain	<ul style="list-style-type: none"> • MSc. in Project Management • Final master’s thesis: “Strategic purchase in the civil aeronautics industry.” 	2016-2018
Universidad Pontificia Comillas - ICAI Madrid, Spain	<ul style="list-style-type: none"> • MSc. in Industrial Engineering (ICAI) • Final master’s thesis: “<i>Development of a fixed wing drone with vertical take off and landing capabilities</i>”. (Award to best thesis) • Degree in Electromechanical Eng. (ICAI) • Final degree thesis: “<i>Development of highly efficient unmanned aerial vehicle for small load transportation</i>”. (Distinction with Honour). 	2014-2016 2010-2014

Languages

Spanish	Native	
English	Bilingual (Certificate of proficiency in English)	C2 Level (<i>Common European Framework of Reference for Languages</i>)
French	Intermediate	B2 Level (<i>Common European Framework of Reference for Languages</i>)

I.T Skills

- Computer aided Design, Engineering and Manufacturing:
 - **Catia V5, SolidWorks 2015**, Solid Edge ST6, **AUTOcad** , CREO Direct Modelling.
- Design of printed circuit boards:
 - **Eagle V7**, KiCAD
- Programming languages, SW & HW:
 - C++, Python, Matlab, Arduino
- Advanced Microsoft Office Suite skills & VBA

Other Relevant data

- Part time collaboration leading a team of students for “ICAI Engineers towards Development” NGO to develop drones to deliver medical aid in remote locations
- Level 2 Award in Sports Community Leadership (Leadership Course)
- Driving license

References available upon request.