



Personal information

Surname(s) / First name(s)	Pérez Huertas, Daniel
Address(es)	Alicante, Spain
Telephone(s)	620168645
Email(s)	dapehue@gmail.com
Nationality(-ies)	Spanish
Date of birth	Jan 31 1987
Gender	Male

Work experience

Date	2017 – Present
Occupation or position held	<i>UAV Embedded Software and GNC Engineer</i> at Embention , Alicante (Spain). <ul style="list-style-type: none"> – Embedded safety critical (DAL-B) real-time C++ development following JSF standard – R&D in UAV guidance, navigation and control algorithms (Sensor fusion for state estimation, adaptive control, route planning, obstacle avoidance, etc.) – Dynamic systems simulation with MATLAB & Simulink – Digital electronics (microcontrollers, industrial communication buses) – DO-178, generation of technical documentation, testing and customer support
Date	2011 – 2017
Occupation or position held	<i>GNSS Project Engineer</i> at GMV Aerospace & Defence , Madrid (Spain). <ul style="list-style-type: none"> – Global Navigation Satellite Systems (GPS, GLONASS, Galileo, WAAS, SBAS) performance analysis – Safety critical C++ development (DAL-B) – Generation and control of SBAS signal to geostationary satellites (SBAS for Africa and SBAS for Australia & New Zealand projects) – Collaboration with the European Space Agency (ESA) and Thales Alenia Space – Technical leader – Technical documentation & testing following aerospace standards (ECSS) – Customer support and trainings, on-site deployment – Experience with digital electronic design (microcontrollers) – R&D, participation in papers and conferences

Date
Occupation or position held

2010 – 2011

Research Engineer at **Royal Institute of Technology**, Stockholm (Sweden).

- Research in control algorithms and dynamic system simulation
- Electronic board development
- Lab teaching assistant in control courses

Education and training

Place and Date
Title of qualification awarded

UNED (Madrid, Spain), 2012 – 2015

MSc Research in Electrical, Electronic and Industrial Control Engineering

Place and Date
Title of qualification awarded

Royal Institute of Technology (Stockholm, Sweden), 2010 – 2011

Master Thesis in Automatic Control Department (Erasmus)

Place and Date
Title of qualification awarded

Polytechnic University of Valencia (Valencia, Spain), 2005 – 2010

BSc + MSc in Industrial Engineering

Personal skills and competences

Mother tongue(s)

Other language(s)

*Self-assessment
European level^(*)*

English

Spanish

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

^(*) Common European Framework of Reference (CEF) level

Social skills and competences

Very good social and interpersonal skills. I help creating a good work environment and strengthening the ties of the team. Customers and partners have expressed their satisfaction with the way I interacted with them. Optimistic and creative.

Organisational skills and competences

Organized and methodical. I try to get to know the priorities at every moment and to give every task the amount of time and effort required.

Technical skills and competences

Strong analytical thinking. Ability to synthesize and explain complex technical information. Good mathematical & physics skills.

Computer skills and competences

- C++ expert (IDEs: Eclipse, C++ Builder, Code Composer Studio)
- MATLAB & Simulink
- LabView
- Version control: GIT, SVN
- Testing: VectorCAST, PRQA, Bash scripting
- AutoCAD
- SO: Windows, Linux
- Office
- \LaTeX

Driving licence(s)

Class B driving license

Personal interests

Science & Technology, specially the related with space, physics and astronomy. History. Reading. Volleyball. Cycling. Travelling. Music.