

Why us?

How would you get out of bed if today you were to conquer the universe?

At Alén Space (www.alen.space) we are looking for you to support us, with vision and passion, to develop **space** missions, helping companies and institutions to deploy their business in space, designing, manufacturing and operating small satellites.

You will work in a friendly and constructive atmosphere. Being part of a brilliant, young and passionate **team**. A team always ready to help. You will be involved in interesting and disruptive projects around the world, participating in events at the international level. And all this from a privileged place, with one of the best beaches in Galicia less than 5 minutes from the office. An office close to both small fishing villages and a vital city full of options like Vigo. Places where the words "**quality of life**" take on their full meaning.

Add flexibility of schedules, possibility of teleworking and team-building activities and you will find the cocktail that makes Alén Space the perfect place to enjoy and develop as a professional.

Do you want to orbit with us?

info@alen.space

www.alen.space

Rúa das Pontes 6, of. 203, 36350 Nigrán (Pontevedra)

Job Description

The candidate will work in different nanosatellite missions within the System and AIV Engineering Area of the company. This area is responsible for carrying out all the tasks related to the extraction of requirements from the users and the transformation of them into a final product, mission analysis and design of space systems as well as their integration and final verification, including all the needed tests.

Position Tasks and Responsibilities

The following tasks will be assigned to the candidate:

- Analysis of the necessities of the users/customers and the elaboration of several mission concepts that match their requirements.
- Elaboration of mission and technical specifications.
- Orbital and mission analysis.
- Elaboration of mission analysis tools.
- Design and definition of architectures for the space systems that will enable the implementation of the previously proposed mission concepts.
- Analysis of the performance of the system in terms of power, communications capabilities, mass, etc.
- Selection of the physical components that will implement the selected architecture.
- Manage internal and external interfaces with all the elements of the mission.

Candidate qualifications and skills

The candidate must have a Bachelor or Master's degree in engineering with some system engineering background.

The **required** experience and skills are:

- The applicant must be fluent in English
- Two years of experience in space missions.
- Knowledge of System Engineering discipline and ECSS standards.
- Knowledge of technical software tools such as: STK, GMAT, ESATAN, SPENVIS, Matlab/Simulink, Octave, Solid Works, Python...

It will be also **desirable** the following qualifications and skills:

- Hands-on experience in nanosatellite missions.
- Knowledge of certain tools for model / testing development: embedded C, C++, Java, Bash.
- Knowledge of CCSDS standards
- Project Management courses or certifications

The applicant must have good communication skills and must be able to work autonomously in an effective manner; while cooperating in a potentially international and culturally diverse team.

Moreover, the applicant must have good analytical, organizational and reporting skills; together with a proactive attitude to solve problems individually and an interest in technology development.

The applicant must be eligible to work and live in the EU.

Conditions

We offer an indefinite term contract.

- ❖ Location: Vigo area (Spain)
- ❖ Starting date: Immediate

If you are a proactive person and want to commit yourself to a present and future project, **we hope to receive your CV** in one of the following URLs:

[English] <https://alen.space/careers/>

[Spanish] <https://alen.space/es/trabaja-con-nosotros/>