



TELECOMMUNICATIONS ENGINEER

In Karter Space we design, construct and operate our own constellation of nanosatellites for the Earth observation, with the mission of supply space based data. We are an enthusiastic team making easier the access and exploitation of all the data captured from the Space.

We are searching for a new team member that wants to face the amazing challenge of develop a new era of satellites.

THE TASKS

As a telecommunications engineer, you will implement and ensure a robust telecommunication system between our nanosatellites and the Ground Segment. For that mission, you will perform the following tasks:

- Development of the software for the communication system.
- Communications protocols design.
- Signal codification.
- Signal processing simulations.
- Hardware-software integration.
- Design and implementation of test campaigns.
- RF tests.
- Validation of TTC subsystem with Ground Segment.
- Labor relations with ITU

REQUIRED SKILLS

- Relevant technical education to at least Bachelor degree
- In depth understanding of satellite communications systems.
- Strong software engineering skills.
- Experience in C and Python.
- Experience designing and developing communications systems.
- In depth understanding of SDR (Software Defined Radios)
- Experience with embedded programming.
- Experience in signal processing and code.
- English fluency on a professional level.
- Startup mentality.
- Strong analytic problem solving skills.
- Able to work in team under pressure in a rapidly-changing environment with high workloads.
- Strong communication, organization and technical documentation skills.



DESIRABLE SKILLS

- In depth knowledge of space sector.
- Space projects experience.
- Knowledge of standard protocols used in ground and space applications. ESA standards.
- Knowledge of communications quality standards.
- Familiarization with AIS and SDS-B.
- Experience with distributed systems.
- Experience in RF programming.
- Fluent Spanish

WHAT WE OFFER

Full time job in a casual work environment.

Flexible work hours, we want you (and us) to have a great work/live balance.

Work with a young, great and proactive team opened to new ideas.

Solving new daily challenges using cool stuff and cutting edge technology.

Bright and comfortable office with one of the most amazing views of Basque Country mountains.

Amazing T-shirts with the motto "Sky is not the limit". Forget about suits.

Be proud of your daily work seeing how it finally flies into space.

Would you like to join us? Send your CV to jobs@kartenspace.com with the subject "Telecommunications Engineer".

Welcome to Space 2.0