Job Title:	Spacecraft Systems Engineer
Reference:	OQT_P02
Closing Date:	TBD
Contact:	contact@oqtec.space

OQ TECHNOLOGY

Spacecraft Systems Engineer (Senior)

OQ Technology Sarl is looking for a candidate for a Spacecraft Systems Engineer role at its facility in Athens to participate in building our first spacecraft.

Location:

ATHENS / GREECE

Start Date

ASAP

Job-Type:

Full-Time

Responsibilities

You will be the main architect and project responsible of the space segment. You will support the CTO by performing systems engineering analyses and oversee the development of a full spacecraft.

You will be the designer of the space mission and will coordinate and lead the space segment development/procurement. You will work closely with the other engineers and external companies.

Below is a summary of the typical tasks required for this post:

- Support system concept development, system architecture development, system and subsystem requirements development, systems analysis and trade studies, and systems modeling and simulation (PDR/CDR).
- Identify requirements, participate in design activities, and lead assembly, integration, and test activities (AIT).
- Track mission and system configuration information (such as mass properties, power, TT&C, OBDH and performance data) or writing complex specifications and interface control documents (ICD/IRD).
- Produce and maintain system budgets (power, volume, memory, mass … etc).
- Participate and oversee functional and environmental test campaigns by reviewing requirements, test specifications, planning, costing, risk assessment, test execution and verification control.
- Project management, Project planning and test tracking.
- Preparation of ESA management and technical documentation for project reviews.

Requirements

Mandatory Knowledge:

- Minimum of 5 years of experience with mechanical and/or electrical design of small satellite systems in industry or academia (title depends on seniority level).
- Proven knowledge in spacecraft systems and subsystems design, and mission operations and be able to quickly develop subject matter expertise in a specific project.
- M.Sc. in Aerospace Engineering or a similar qualification from a recognized institution.

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- Knowledge of ECSS standards.
- Proficiency in spoken and written English.
- EU citizenship or residence permit.

Desirable Knowledge:

- Proven hands-on experience in one or more of the following: AOCS electronics design, electrical power systems, thermal analysis, or integration and testing of aerospace systems.
- Knowledge of spacecraft operations and related ground systems preferred
- Experience with CubeSat projects.
- Demonstrated technical lead and/or project management experience.
- Self-starter who works with a sense of urgency.
- Ability to adapt to change in an entrepreneurial environment.
- Excellent interpersonal and communication skills.
- Ability to work autonomously as well as part of a team.
- Orbital Mechanics.

Tools:

Knowledge in these tools is advantageous: Satellite Toolkit STK, MATLAB, NASTRAN, SysML, C++ or Python.

Benefits

OQ Technology is an innovative company and a front runner in the global race of building a global satellite constellation for Internet-of-Things communication. We work closely with the European Space Agency, government institutes, and our global customers. At our company you will have a great opportunity to overtake large responsibility to build and innovate from scratch. You will be at the center of decision making and will interface directly with industry and business professionals all around the world, an opportunity which is rarely offered in traditional corporates.

We offer a great opportunity for you to grow and develop and make your dreams come true. If you are looking for a challenge and looking for being part of new technology innovation in the world of satellite telecommunications, OQ Technology is the right place to be.

Contact

Please send your CV and any other documents supporting your application to: contact@oqtec.space.