


Job Title:	Spacecraft Systems Engineer	
Reference:	OQT_P09	
Closing Date:	TBD	
Contact:	contact@oqtec.space	

Spacecraft Systems Engineering Traineeship

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

Location:

ATHENS / GREECE

Start Date

ASAP

Job-Type:

Traineeship (6 months – extendable)

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 interfacing the development of a full spacecraft and payload.

You will be the designer of the payload space mission and will coordinate and lead the space segment development/procurement with third parties. 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/AIT).
- 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 technical documentation for project reviews.

Requirements

Mandatory Knowledge:

- Experience with mechanical and/or electrical design of small satellite systems in industry or academia
- 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. or Ph.D. student in Aerospace Engineering or a similar qualification from a recognized institution.
- Proficiency in spoken and written English.

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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. At our company you will have a great opportunity to overtake large responsibility to build and innovate from scratch. You will be at the centre 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.