



Talent driven
culture.

Space sector – Project Manager (Portugal)

Ref.^a T20249

Our client is an aerospace company established in 2006 that develops mechanisms, optical instruments, computer vision, AI and navigation & control systems for Earth observation and planetary missions to the Moon, Mars and small bodies. It is a company known for its flexibility and willingness to explore and implement disruptive capabilities for aerospace applications, and prides itself on working at the bleeding edge of technology. The team is composed of aerospace, mechanical, electrical and software engineers, and is currently aiming at a significant expansion of its engineering capabilities in the scope of several ongoing research and industrial contracts in these challenging fields.

We are looking for a Project Manager to join its' team and help develop state-of-the-art smart cameras for space applications, image processing hardware and software, nano-satellites and small sat projects currently underway at the company. The purpose is to develop integrated subsystems (such as smart cameras) and complete vehicles such as nano and small satellite systems. The team also is also involved in the development of Guidance, Navigation and Control (GNC) subsystems for space applications - for Earth Observation and Space Exploration missions (Lunar, Mars and small bodies). To this end, the company has been significantly investing for several years in the development and maturation of miniaturized avionics solutions for fully autonomous flying platforms, with multi-sensor GNC architectures (combining data from scanning LIDARs, visual and multispectral cameras, laser and radio altimeters, inertial measurement units) operating on COTS and radiation-tolerant high-performance embedded processing solutions (including DSPs, FPGAs and/or GPUs).

Location: Lisbon, Portugal

Main Accountabilities:

The following types of responsibilities are envisioned:

- Elaboration of work breakdown structures and project timelines applicable to avionics systems;
- Elaboration of architecture designs for avionics systems in response to stated system and subsystem requirements;
- Technical and project management of a multidisciplinary team in the scope of avionics technology development projects;
- Coordination of tasks involving electronics hardware and software design, modelling and simulation, and elaboration of the corresponding reports;
- Support to the elaboration of test, verification and validation plans for avionics hardware and software, including algorithms, models and sub-systems;
- Elaboration of performance assessment procedures and reports;
- Coordination of parallel-running tasks towards the completion of a complete system or subsystem;
- Periodic reporting of project development status;
- Contribution to mid- and long-term technology development plans.

If you meet the above requirements, please send your application via email: careers@qsr.consulting with reference to T20249_Rec_Project Manager

Qualifications & Requirements:

Academic Background:

Required:

- A recognized engineering degree (Electrical, Robotics, Aerospace) or a related degree.

Professional Experience:

Required:

- At least 3 years' work experience in R&D projects;
- Management experience in the scope of European Space Agency projects.

Desired:

- Technical background related to GNC, avionics and/or space hardware;
- Experience in the development of space-qualified avionics or hardware.

Languages:

- Good level of English, spoken and written.

Offer:

- Work in highly innovative projects with ESA (European Space Agency).
- Integration into a dynamic, challenging, high-tech (aerospace) environment.
- Team-centered, highly multidisciplinary work.
- Integration into a consolidated, steadily growing company.
- Regular working schedule with emphasis on productivity (not long working hours).
- Wage package appropriate to the demonstrated knowledge and experience.
- Employment contract established directly with our client company.

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