

Function:	VN-128 - Technical Manager
Project/Department:	Innovation Department

1. Needs

With its core activities in the space, aeronautical and industry markets, Active Space Technologies is a well-established engineering company focused on the development, design, manufacturing and validation of electromechanical systems. From aeronautical health monitoring systems and wireless data links to aerospace power electronics and satellite communications, the multiple projects currently running at its Innovation Department are bringing cutting edge technologies to the market, contributing for making the world a better place.

Looking for growing the Innovation Department multidisciplinary engineering team, Active Space Technologies seeks an engineer for fulfilling a Technical Manager position, who is willing to be challenged and develop their skill set within a talented, passionate and cooperative team.

2. Duties & Responsibilities

The duties of the selected engineer will be:

- Coordinating the technical execution of innovative activities;
- Researching state-of-the-art technologies;
- Designing and specifying electromechanical systems architecture;
- Designing digital and analogue electronic circuits;
- Developing embedded software for microcontrollers;
- Developing LabVIEW software for acquisition and control systems;
- Producing technical documentation on each step of the development cycle.

3. Minimum Requirements:

3.1 Academic Qualification

Higher degree in a relevant engineering field (e.g. Electronics, Physics, Aerospace).

3.2 Key Technical Expertise

The following is required expertise for this vacancy:

- Characterizing and specifying electromechanical systems;
- Selecting and designing systems architecture;
- Analysing, understanding, designing and simulating electronic circuits;
- Embedded software development for microcontroller systems.

The following expertise is added value for this position:

- Low range and low power wireless networks for smart sensors, such as Bluetooth Low Energy or Zigbee;
- CAN Bus, sensor networks, or other serial protocols;
- Designing for ECSSs and/or aeronautic standards, such as DO-254.

3.3 Required experience

- 5 years of experience in R&D environment.

3.4 Languages

- English full professional proficiency required;

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- Portuguese proficiency is added value.

4. Availability

Immediate (2 months maximum).

5. Compensation

€ 20,900 to € 23,000 per annum.

Please apply for the e-mail jobs@activespacetech.com with reference to **VN-0128** in the subject of the message.