

Function:	VN-129 - RF Electronics Engineer
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 wireless data links to 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 RF Electronics Engineer, 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:

- Researching state-of-the-art technologies;
- Designing RF systems;
- Designing digital and analogue electronic circuits;
- SPICE modelling and simulation;
- Prototyping and testing RF/electronic systems;
- Developing embedded software for microcontrollers;
- Producing technical documentation on each step of the development cycle.

3. Minimum Requirements:

3.1 Academic Qualification

Higher degree in a relevant engineering field with focus on RF and analogue circuits (e.g. Electronics).

3.2 Key Technical Expertise

The following is required expertise for this vacancy:

- Characterizing and specifying RF systems;
- Selecting and designing RF topology;
- Analysing, understanding, designing and simulating RF and analogue circuits;
- Operating RF test equipment;
- 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

- 3 years of experience in development of RF and analogue circuits;
- 5 years of experience in R&D environment.

3.4 Languages

- English limited working proficiency required;
- English full professional proficiency is added value;
- Portuguese proficiency is added value.

4. Availability

From immediate to 6 months.

5. Compensation

€ 17,900 to € 20,500 per annum.

Please apply for the e-mail jobs@activespacetech.com with reference to **VN-0129** in the subject of the message.