

<b>Function:</b>	Electronics Engineer – Engenheiro Electrotécnico
<b>Project/Department:</b>	Industry - Coimbra

## 1. Needs

Active Space Technologies develops, manufactures and deploys Automated Guided Vehicles (AGV) for industrial environments, as well as the related whole controlling and management package. This leads to the need for robust control architecture and embedded software, development of customized electronic and mechanical solutions.

Active Space Technologies is currently looking for a talented Electronics Engineer, motivated to integrate the engineering department, and to work in the improvement and development of new equipment required for the AGVs.

## 2. Duties & Responsibilities

- AGV commissioning at industrial environments;
- AGV integration with clients' systems and facilities;
- Design system architectures for AGV;
- PLC programming;
- Development of embedded software in Linux platforms;
- Define communications protocols;
- Design electric circuits and protections;
- Systems testing and validation;
- Design for serial production;
- Product Documentation.

## 3. Minimal Requirements:

### 3.1 Academic Qualification

- Electronics Engineering (and related fields), Automation field (preferential);

### 3.2 Key Technical Knowledge

- Industrial Automation, namely, electric circuits and protection design, PLC (preferential Siemens (Tia Portal) and Codesys);
- Experience in C, C#, javascript and web programming at Linux environments;
- Experience in Industrial Communication Networks: Ethernet IP, CANOpen, Profibus, RS485;

### 3.3 Practical Experience

- C programming for embedded control;
- Experience installing, fault finding and configuring automation networks;
- Experience in industrial sensors, actuators and safety control equipment;

### 3.4 Languages

- Fluency in English;

## 4. Maximum Compensation

According to demonstrated expertise.

Please apply for the e-mail [jobs@activespacetech.com](mailto:jobs@activespacetech.com) with reference to **VN-0003** in the subject of the message.