



Talent driven  
culture.

# Electrical Engineer – Signal Acquisition and Processing

Ref.<sup>a</sup> T20263

Our client, a leading company specialising in the provision of products and services in the fields of simulation, training, testing and maintenance support, is looking to recruit an **Electrical Engineer – Signal Acquisition and Processing** to join the **Interactive Learning and Test Software team**.

**Location:** Sobreda de Caparica

## Responsibilities:

- Development and support of signal acquisition and processing solutions;
- Integration of measurement, instrumentation and sensor systems;
- Signal analysis and processing (including vibrations);
- Participation in the development of technological solutions in a multidisciplinary context.

## Requirements & Qualifications:

- Bachelor's or Master's degree in Electrical Engineering or a relevant field (e.g. Telecommunications, Engineering Physics or similar);

### Solid academic knowledge of:

- Electrical and electronic systems;
- Analogue and digital signal acquisition;
- Signal processing (time and frequency domains);
- Instrumentation and measurement systems;
- Programming experience (C, C++, C# and/or MATLAB/Simulink);
- Ability to read and interpret electrical diagrams and technical specifications;
- Experience in signal analysis and processing (including synchronous signals and vibrations);
- Knowledge of PCB design (e.g. KiCad or equivalent);
- Experience with data acquisition systems and digital signal processing;
- Integration of sensors and embedded systems;
- Use of electrical CAD tools;

If you meet the above requirements, please send your application by email: [lgoncalves@qsr.consulting](mailto:lgoncalves@qsr.consulting) with Ref.<sup>a</sup> T20263\_Rec\_ Electrical Engineer – Signal Acquisition and Processing.

- Experience in the development of prototypes or technological products;
- Fluency in English;
- Excellent teamwork skills;
- Good organisational skills and a sense of responsibility.

### **Offer:**

- A salary package commensurate with the experience demonstrated.
- The opportunity to join a company with an excellent reputation in the national and international training and simulation market;
- Initial and ongoing training;
- Opportunity to join a young and dynamic team;
- Opportunity to join a company that respects the environment and values sustainability, as well as the development and well-being of its employees, actively promoting their personal development.