

ALTER TECHNOLOGY is a leading company in the fields of engineering, procurement and testing of high reliability components and electronic equipment and systems within the space, railway, industrial, telecom and other high reliability markets.

Equipment and certification (EC) division at ALTER TECHNOLOGY covers a very wide range of activities oriented to execute testing and provide confidence for the regulation compliance (e.g.: CE marking, RTCA-DO, MIL standards, Drones – UAS, etc.). The services offered vary from EMC, RF, Radio, Climatic, Mechanical, Optical, Electrical, Reliability or Functional testing.

ALTER TECHNOLOGY manages international and multidisciplinary projects in several business sectors such as Telecom, Aeronautics, Defense, Industrial Robotics and Drones markets. Projects are usually involving ESA Space stakeholders, or Big Science Organizations (ie: ITER, CERN)

ALTER TECHNOLOGY is looking for qualified people, for curricular or extracurricular internships, with a great interest in technology and methodologies that include a wide spectrum of disciplines, based on joining the following groups options:

- Sales and customer support.
- Project Management Office
- Engineering and testing

This is what you can expect

TASKS & RESPONSIBILITIES

The main tasks to be performed, once agreed the group options listed, are :

- Design and develop test plans, including execution with the support from Laboratory (EMC, Radio, Climatic, Mechanical, electrical or functional tests)
- Prepare and execute tests on electrical/electronic equipment, in different sectors
- Manage testing instrumentation according to the area of work
- Prepare procedures and test plans, test reports
- Develop automation programs (LabVIEW or others)
- Communicate with the client.
- Market studies of the latest technology products.
- Support the sales team or project managers, dealing with tasks such as technical analysis, reporting and planning.
- Review and analysis of project technical specifications to ensure the compliance with safety and quality assurance requirements.
- Generate technical reports required by the projects.
- Compilation of technical documentation by issuing clarifications as response to requests for information.
- Analysis and support regarding application and understanding of CE marking directives and European harmonized standards of project systems.

REQUIREMENTS

- Knowledge of automation programs (ie: LabVIEW) and preferably of other automation or design tools
- Quality-oriented, efficient, proactive and autonomous working style with capacity for teamwork

SKILLS

- Radio and electromagnetic fields
- HW/SW design and development
- Electronics reliability and safety
- Technical standards analysis, requirements, and test methods traceability matrixes.
- Laboratory measurement, analysis and control instruments
- Good organizational skills and ability to work under pressure.
- Strong communication skills
- Client/service orientation.
- Responsible and efficient
- Mind structured
- Person committed to quality and interest in process improvement