

# Mechatronic Engineer

ITEL TELECOMUNICAZIONI s.r.l., a leading company in medical, pharmaceutical and electromagnetic compatibility fields, is looking for a Mechatronic Engineer, with passion for industrial automation and robotics, to support the LINEARBEAM division in design and development of particle accelerator linear technology solutions for medical application.

## **Job Information**

- Research and development on cooperative and collaborative robotic systems;
- Design and develop Machine Vision systems with stereoscopic 3D and X-Ray technology;
- Design and development of mobile X-ray Imaging systems;
- Design and develop software for new control systems and diagnostic systems with programming language (Labview, C++, Python)
- Design, prototype, optimize and manage software for control hardware and auxiliary equipment;
- Update existing applications and integrate them into the control system
- Use of best practice for software development (source code control, requirements monitoring, unit testing, development of reuse libraries and production of high-quality documentation)

## **Your Profile:**

- Master degree or PhD in Mechatronic Engineering, Automation Engineering, Electronic Engineering, Computer Science Engineering or related discipline;
- Strong interest in the development of software and hardware associated with anthropomorphic robotic systems
- Experience in programming industrial robots such as Kuka (preferred), or others
- In-depth knowledge of the fundamental concepts of 3D vision systems
- In-depth knowledge of artificial intelligence techniques, deep learning, GPU and parallel computing, image reconstruction algorithms
- Knowledge of DICOM standard
- Good knowledge of Microsoft Visual Studio
- Good experience in the entire software life cycle;
- Thorough knowledge of one or more of the following programming languages: C++, LabVIEW (must), Python, HTML, Sql, Java
- Consolidated experience in testing, troubleshooting, fabrication and commissioning of accelerator control systems cooperating with team project
- Understanding of control electrical schematics;
- Strong teaming abilities, social competence, sense of responsibility and assertiveness
- Knowledge in written and spoken English

The placement and remuneration will be proportional to the degree of professional experience assessed.

Workplace: Ruvo di Puglia

## **How to apply:**

Mail to: [itel@itelte.it](mailto:itel@itelte.it)

Object: RIF. Mechatronic Engineer

## **Deadline:**

October 2019