

# Software Engineer

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

## Job Information

- Conduct research and development on particle accelerator control 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
- Support in maintenance of machine control systems, beam diagnostic systems, diagnostic data acquisition systems (low-level hardware control, fixing bugs, integrating new features into existing applications).

## Requirements:

- Master degree or PhD in Software Engineering, Electronic Engineering, Physics, or related discipline;
- strong interest in the development of software and associated hardware
- experience in the use of best practice for software development (source code control, requirements monitoring, unit testing, development of reuse libraries and production of high-quality documentation
- 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
- Flexible, open to new challenges in a ndynamic environment, possess strong technical expertise combined with strong verbal and written communication skills
- Experience to manage multiple priorities with sufficient autonomy
- Highly responsible, engaged, team-oriented individual
- 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. Software Engineer

## Deadline:

October 2019