

Software Engineer (REF 1602 ENGR SwE)

Position: Full-time

Location: Bologna (Italy)

JOB DESCRIPTION

Design, debug and testing of applicative software for IVD Medical Devices with the role of Software Engineer.

DUTIES AND RESPONSIBILITIES

- Design, debug and testing of applicative/instrumental software
- Design of service oriented software components and drivers
- Design, debug and testing of interactive GUI
- Manage autonomously every aspects of the software lifecycle process, from the requirement elicitation/prioritize, up to the verification/validation and deployment
- Work on several software projects and branches
- Design and construct software in compliance with the IVD Medical Device Standards
- Collaborate with the V&V team since the early phases of development.
- Write and execute test protocols

BASIC REQUIREMENTS

- Master's Degree in Computer Science or Electronic or Physic
- 3-plus years related experience
- OOP, design patterns and UML
- High seniority programming skills in C++ or C#
- Database technologies expertise (MySQL, Sql Server, Sqlite)
- Expertise in Software Engineering practices and Software Lifecycle process
- Deeply knowledge of Windows 7 operative systems.
- Work autonomously in a collaborative and multidisciplinary environment, with accuracy, reactivity and reliability
- Good English knowledge (written and spoken)

PREFERRED QUALIFICATIONS

- Expertise in design and maintenance of Image Analysis algorithms
- High seniority programming skills in Labview
- Image processing and computer vision expertise with NI Vision or OpenCV
- Deeply knowledge of Linux operative system
- Expertise in data management and archive
- Experienced in developing drivers for RS-232/USB/LAN controlled instrumentations
- Experienced in ISO 13485, ISO 14971, IEC 62304, USA 21 CFR 820, IEC 62366, IEC 60812

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