
Company: Medical Device Manufacturing
Job Position: Full time
Job Location: Fremont, CA

We're seeking a full time Software Engineer.

Job Summary:

The software engineer designs, implements, and integrates software for the ROBODOC system.

Travel Requirements:

This position may require less than 5% travel.

Responsibilities:

- Works with software engineering team to develop software for robotic surgical assistant.
- Design and implement user interface and workflow for surgical procedure.
- Develop test procedures and testing modules.
- Integrate algorithms and modules designed by other groups.
- Must be able to document, implement, and validate C++ applications.
- Follow rigorous design control methodology and writes concise requirements specifications, architecture specifications, and design description, verification plans, and test cases.
- Performs unit testing of software and assists in the verification and validation process of the complete designs.
- Manages schedules, meets, and adhere to development goals.
- Provides planning and status information to project manager.

Qualifications:

- 5+ years experience in software development in the medical device industry including experience developing applications with C++.
- Experience with Qt application framework or similar GUI framework.
- Experience with multithreaded and multi-process programming.
- Experience developing test procedures and testing modules.
- Familiarity with VTK, ITK, and Matlab preferred, but not required.
- Strong working knowledge of object-oriented programming and system design.
- Excellent communications and documentation skills.
- Experience with medical instrument development (FDA design controls) and industry experience.
- Bachelors Degree in computer science.
- Strong academic records.
- Knowledge of FDA Quality System Regulation, ISO 13485 (Quality System) requirements, ISO 14971 (Risk Management) requirements, and Medical Device Directives (MDD) requirements, IEC 62304 Medical

Device Software – Software Lifecycle Processes, General Principles of Software Validation – FDA Guidance, and IEC 62366 Medical Devices – Application of Usability.

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- Understanding of:
 - FDA medical device regulations, guidance, and import/exports requirements.
 - Medical device labeling and promotional requirements
 - Medical device quality systems
 - Product development processes
 - Knowledge of good manufacturing practices (GMP) and applicable Quality System Standards

Curexo Technology Corporation offer a fast-paced work environment, and a very competitive compensation, medical and 401K retirement plan benefits available

We are an equal opportunity employer and encourage diversity.

To apply: Please submit resume and Cover Letter to HR dept at jobs@robodoc.com

Company Overview:

The Company is a pioneer in medical robotics and world leader in image-directed, robotic products for orthopedic applications. The Company's product allows surgeons to pre-operatively plan their surgery in a 3-D virtual space and then execute the surgery in the operating room, exactly as planned.