Job Title: Software Quality Assurance Test Engineer

Location: Waltham, MA

Organization: Fractyl Labs

http://fractyl.com/

Job Responsibilities:

At Fractyl, we are focused on improving the health of people with Type 2 diabetes. We've created an innovative clinical procedure based on new insights into the root cause of the disease. We are currently engaged in clinical trials designed to prove that our endoscopic procedure can dramatically improve glucose control and reduce the need for additional medications. Our mission is to set people free from the daily burdens of Type 2 diabetes management, empower physicians with a safe and reliable therapeutic treatment, and lower the tremendous human and financial costs of diabetic complications for patients, hospitals, and payers.

Fractyl Labs has an opening for a Software QA Test Engineer with skills in software testing, documentation of test plans and system issues or enhancements. Attention to detail and excellent problem solving skills are especially valuable. The position is in a small, cross-functional team of capable and experienced quality assurance and product engineers who are working to develop the capital equipment component of a novel therapeutic system. The Software QA Test Engineer will write and execute product software and firmware testing, risk analysis, and defect management for manufacturability of existing and next generation medical device products. The Software QA Test Engineer will work with Product Development, Clinical and Regulatory Affairs, and Operations; meeting performance, quality, and cost goals; while optimizing time to market for company products.

Primary Responsibilities include the following:

- Define manual and automatic test methods; create test plans and test cases to determine if the software will perform accurately and reliably according to documented requirements.
- Execute test plans and create test reports to describe application evaluation, testing and correction
- System level testing executed by simulated use of a medical device.
- Developing, maintaining and updating software test plan document throughout the software development lifecycle and maintenance processes in an agile environment.
- Documentation of defects and enhancements with follow up tracking and re-testing. Participation in defect management meetings.
- Maintain effective communication with the project team on project scope and requirement changes.
- Utilize software tracking tools to document outcomes, facilitate data gathering, test execution and defect management.

For further information please contact the offices of Career Services and Industry Partnerships:
Phyllis Molta 617-588-1347 pmolta@bfit.edu
Jack Harari 617-588-1379 jharari@bfit.edu

Education/Experience
• Associates, Bachelor's Degree in Computer Science, Information Science or equivalent • A strong preference for a candidate with related co-op experience or evidence of "hands-on" experience. • General knowledge of the FDA Quality System Regulation is preferred. • Experience writing and executing automated tests is a plus. • Creative problem solving and ability to participate in fast-paced engineering projects. • Highly organized and detail oriented with a keen sense of urgency of what it takes to get the job done. • Demonstrated desire to contribute in any way necessary to support the company goals and objectives. • Excellent written and verbal communication skills. • Highest personal values and ethical standards.

Please email your resume to **Ann Rossi, Senior Software Quality Assurance Engineer at ann@fractyl.com**

Posted on 5/28/2014 Major: Computer Science