

## SR. SOFTWARE TEST ENGINEER

**POSITION SUMMARY:** Design, develop, execute, and document automated and manual tests for a Class III medical device.

### ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Works with software developers to ensure system and software specifications are verifiable and unambiguous
- Generates test plan and protocols
- Defines test cases and test data sets based upon system and software specifications, and in collaboration with software/hardware/mechanical engineering and clinical research.
- Develops automated test code
- Oversees execution of test protocols, and generates reports
- May participate in code reviews
- Responsible for tracing system and software specifications thru to test results
- Responsible for defect tracking process to capture and address software performance problems
- Participates in the selection, setup and internal conventions for test tools used by the team

### QUALIFICATIONS:

**EDUCATION:** Bachelor's degree (B. S.) in computer science, engineering or mathematics, or equivalent experience

### EXPERIENCE REQUIRED:

- 5+ years' experience as a software test engineer, preferably including medical devices
- Solid debugging experience, including white box testing
- Experience developing automated and manual tests and test plans at unit, integration and system test levels
- Experience using version control system
- Experience managing a defect's lifecycle from inception through closure

### PREFERRED KNOWLEDGE:

- Experience using Karma/Jasmine and developing automated tests
- MySQL, SQLite, or other data systems
- Experience working with the JavaScript MVC frameworks
- Jenkins Integration
- Experience working in an agile development cycle
- Linux/Unix, or Mac command line experience

### SKILLS/ABILITIES:

- Ability to work with other teams and departments within the organization
- Strong written and verbal communication skills
- Ability to work under pressure and in a dynamic environment