



## **Software Engineer**

The Software Engineer supports product development teams with software design, development, and testing for innovative products in the medical device and consumer health markets. As a Software Engineer, you will assist with developing software across a range of platforms and devices from embedded to web following sound engineering principles and coding guidelines, maintaining code documentation, and executing software test plans.

### **Essential Functions:**

- Design / develop / test consumer facing software
- Provide ongoing maintenance, support, and enhancements of existing software
- Write clean, portable, scalable, documented, and sustainable code that conforms to industry based design patterns
- Support the development of high-quality software design and architecture across multiple platforms and devices
- Design, develop, implement and test software applications Create and maintain QA test automation and regression plans
- Assist with the development and maintenance of software development operating procedures and tools/technologies to support software development
- Maintain technical and user documentation within the Simbex Quality Management System
- Work with third party design firms, hardware and software developers
- Provide user and client support
- Assist in the development and maintenance of data management functions in a data replication environment
- Work as a member of the project team assigned to a specific development project
- Ensure the quality and integrity of deliverables by adhering to FDA standards, guidelines, and process.
- Perform other duties as required or requested

### **Qualifications:**

- Bachelor of Science degree in Computer Science/Information Systems, Software Engineering, Electrical Engineering or equivalent experience
- Two + years experience developing applications in a C/C++ environment
- Experience software development in an agile environment
- Experience in developing desktop applications for Microsoft and Mac
- Experience with developing mobile applications for Android or iOS
- Experience with object-oriented design and COM objects

- Experience with test-driven development and automated testing frameworks
- Experience with various communication protocols including USB, serial, SPI, I2C, and wireless
- Experience with SQL, database design (Sybase, SQLite, and MySQL), and management
- Capable of working across various platforms and technologies including embedded, mobile, desktop, and web
- Good organizational skills and strong attention to detail
- Excellent oral and written communication skills
- Demonstrated ability to work independently as well as with others in a team environment
- Familiarity with ISO/IEC and FDA standards affecting software