



## POSITION DESCRIPTION

**POSITION TITLE:** Associate Embedded Software Engineer  
**DEPARTMENT:** Product Development

Inspire Medical Systems, Inc. has developed the only FDA-approved neurostimulation technology that transforms the lives of people with moderate to severe sleep apnea. We are a ground-breaking, fast-growing company where the patient's outcome is first and foremost our top priority. If you want to be part of a purpose-driven company and directly help to transform lives, this is the perfect opportunity for you!

### **POSITION SUMMARY**

We are recruiting for an Associate Embedded Software Engineer to join our rapidly growing product development team located in the Minneapolis, MN location. As an integral part of our development team, you will work closely with our engineering team to develop software for our next generation Inspire products.

### **MAIN DUTIES/RESPONSIBILITIES**

- Build and deploy embedded software of the highest quality using C++, C#, Python, and/or other supporting languages
- Support the development of new systems and the maintenance of existing systems
- Author unit, integration, verification, and validation tests, including manual and automated methodologies
- Build and validate software tools
- Assist with system, software, security, and risk management documentation
- Participate in continuous process improvement activities, including integration of custom and off-the-shelf tools
- Ensure all quality system, regulatory, legal, and business requirements are met in the course of product development and market delivery
- Support post market (commercial) product and/or therapy related investigations as well as CAPA activities and implementations
- Support new product launch planning in partnership with operations, marketing, sales & education

### **QUALIFICATIONS**

#### **Educational Requirements:**

##### Required

Bachelor's degree in engineering, software, computer science, or related field.

##### Preferred

Master's degree in engineering, software, computer science, or related field.

#### **Required Experience:**

- Demonstrated experience developing embedded software
- Strong written and verbal communication skills with the ability to communicate with both internal and external stakeholders and senior leadership

#### **Preferred Experience:**

- 1+ year of embedded software development experience using C++
- Experience with industry standards for medical devices such as IEC 62304, ISO 14971, etc.