



Software Developer

Titan Medical Inc. is a Canadian public company headquartered in Toronto, Ontario with its Research & Development center in Chapel Hill, North Carolina. Titan is a medical device company focused on the design and development of single-port robotic surgical technologies.

We are seeking a highly motivated candidate to join our Research & Development center at our Chapel Hill office and reporting to our subsidiary Titan Medical USA Inc.

Responsibilities include but are not limited to:

- Design, and implement embedded medical device software using C/C++ and Object Oriented Design and programming methodologies (OOP/OOD)
- Follow IEC 62304 standards and corporate procedures to ensure proper implementation of all software requirements and verification tests for the design and development of medical device software
- Participate in design and code reviews.
- Thoroughly assess the ability of proposed designs to meet specified requirements, including manufacturability and testability
- Provide input to management on progress of projects
- Provide input for schedules
- Perform other duties as assigned.

Qualifications:

- B.S. in Computer Engineering, Computer Science, or Electrical Engineering required.
- 3+ years of demonstrated experience developing large scale software systems is required, medical devices preferred
- Experience with IEC 62304 and FDA guidance on software as a medical device or other similarly regulated industries preferred
- C/C++, including C++ 14, in-depth knowledge of OOD/OOP
- Experience with real-time operating systems (RTOS) such as QNX or VxWorks preferred
- DDS (Data Distribution Service) experience preferred
- Ability to rapidly comprehend device operation in laboratory and clinical settings
- Must be proactive, with the ability to work effectively both independently and collaboratively in a fast paced environment.
- Must have excellent problem solving, interpersonal, and proactive communication skills
- Occasional travel may be required

For confidential consideration, please submit a resume with a cover letter and salary history to careers@titanmedicalinc.com

Titan Medical is an equal opportunity employer. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions of this position.

Recruiting Agencies, Please Note:

Titan Medical will not accept unsolicited assistance from recruiting/search agencies for this employment opportunity. Please, no phone calls or emails. All resumes submitted by recruiting or search agencies to any employee at Titan Medical via email, the Internet or in any form and/or method without a valid written search/recruitment agreement in place for this position will be deemed the sole property of Titan Medical. No fee will be paid in the event the candidate is hired by Titan Medical as a result of the referral or through other means.