Medtronic

Biomedical Verification Engineer

Location: IL-Herzliya

A Day in the Life

This position has the responsibility and authority to develop and perform test verification & validation activities for software, integration, and algorithms of our electro-magnetic navigation systems, perform investigations and defects tracking to ensure products meet user's needs and quality standards.

Our engineers are involved in all the development life cycle, from the requirements creation and feature design to V&V testing and product release. They are responsible for strategizing and creating the test plan, test cases, and the final verification on the release candidate software and are also involved with supporting other functions throughout all those activities.

Our engineers are also participating in activities outside the project development streamline such as complaint investigations, research for future features including lab protocol creation and execution, and more.

This position requires the application of technical expertise to independently determine and develop approaches to solve complex technical problems with ingenuity and creativity.

Key Responsibilities & Authorities:

- Designing testing strategy, test plans, writing and implementing test protocols for system and SW modules

- Execute the tests protocols and analyze results

- Documentation of tests plans, tests protocols, and reports

- Report test results in a clear and comprehensive manner

- Bugs investigation, reporting, and monitoring

- Comply and align with development standards within the team

- Validation of non-medical SW tools to support Research & Development

Must Have:

- B.SC. In Biomedical engineering or equivalent experience

- Skilled Design verification Engineer with 2-5 years of experience with multi-disciplinary products

- Full SW development lifecycle experience, including designing, and implementing test plans

- Experience in regulated industries

- knowledge of software verification methodologies, tools, and processes

- Practical experience in writing functional test documentation (STP, STD, STR)

- Ability to travel up to 10%

Nice to have:

- Software development or testing experience in the medical industry – a big advantage

- Strong knowledge of modern, iterative software design processes and development practices

About Medtronic

Together, we can change healthcare worldwide. At Medtronic, we push the limits of what technology, therapies, and services can do to help alleviate pain, restore health, and extend life. We challenge ourselves and each other to make tomorrow better than yesterday. It is what makes this an exciting and rewarding place to be.

We want to accelerate and advance our ability to create meaningful innovations - but we will only succeed with the right people on our team. Let's work together to address universal healthcare needs and improve patients' lives. Help us shape the future.

Physical Job Requirements

The physical demands described within the Responsibilities section of this job description are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. For Office Roles: While performing the duties of this job, the employee is regularly required to be independently mobile. The employee is also required to interact with a computer, and communicate with peers and co-workers. Contact your manager or local HR to understand the Work Conditions and Physical requirements that may be specific to each role. (ADA-United States of America)

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