Mechanical Research & Development Engineering Intern (May – Aug. 2020)
*Fort Worth, Texas, United States*

**Category:** Engineering

**Post Date:** Mar. 2021

**Careers That Change Lives:**
Our internship program will expand your skills, test what you know and help you prepare for the next stages of your career. Make an impact in medicine and engineering with a technology leader in medical devices and therapies. At Medtronic, we save the lives of more than two people every second.

**Day in the life:**
- Plays a key technical role in cross-functional team developing mechanical designs.
- Responsible for mechanical designs that meet both internal and external customer requirements and are optimized for production, reliability and cost.
- Leads troubleshooting and problem-solving efforts related to the development projects.
- Supports decisions through engineering and analysis data.
- Participates in the evaluation of new technology, new products, new materials, and their impact on the business.
- Ensures appropriate documentation is maintained and completed for new technology programs, ensuring that information is transferred to product line specific areas during commercialization phase.
- Finds and evaluates new ideas and new technologies.
- Works with product areas to outline testing of new products and conducts or coordinates product evaluation.
- Provides information to senior management.
- All activities must be performed in compliance with the Quality System.
- Performs all other duties as assigned.

**Must Have / Minimum Qualifications:**
- Minimum of 2 years of college credits from an accredited college or university in Mechanical or Biomedical Engineering field.
- Minimum GPA of 3.5 on a 4.0 scale.
Nice to Have:
- Excellent problem solving, analytical skills and technical troubleshooting skills.
- Quality focus, willingness to learn, versatility and adaptability.
- Good organizational skills, and strong written and verbal communication.
- Ability to work on cross-functional project teams.
- An ability to develop products in pace with market changes.
- Computer literate. Skilled with business and CAD software such as ProE, SolidWorks, etc.
- Capable of creating the initial design given a concept, implements the design process to bring the product to completion.
- Knowledge in manufacturing and machining processes as they apply to the design process.

About Medtronic, Fort Worth, Texas site
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.
The Fort Worth site focuses primarily on high speed power drills, attachments, cutting tools, and accessories. These products are used to alter bones as needed in numerous surgical procedures. Engineering disciplines include thermal management, vibration analysis, structural development, fluid dynamics, mechanical actuators & mechanisms, material analysis, and gearing.

Physical Job Requirements
The above statements are intended to describe the general nature and level of work being performed by employees assigned to this position, but they are not an exhaustive list of all the required responsibilities and skills of this position. The physical demands described within the Day in the Life 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.

How to apply
To be considered for the position, interested candidates must submit resumes to Priyanka Das. Email: priyanka.das@medtronic.com (cc: sophie.a.pervere@medtronic.com)