

About Avitus® Orthopaedics:

We're an exciting medical device company that has pioneered the Avitus® Bone Harvester; a product that is revolutionizing autografting for reconstructive orthopaedic surgeries. We're a group that is dedicated and committed to excellence, innovation, and solving unmet clinical needs to improve our universe. Our products will continue to be groundbreaking. We are a company that's about hustle, grinding, and taking relentless action to execute our goals. Come join us on our journey!

Location:

Avitus Orthopaedics, Inc.
6 Armstrong Rd
Shelton, CT 06484
<https://www.avitusortho.com/>

Position Title:

Medical Device R&D Intern

Position Description:

You hate to fly under the radar; you want to be noticed and rewarded for your achievements; you take responsibility and are a no BS kind of person. If this describes you, please do not send just a resume; send us examples of things you've built, engineered, or projects you worked on and how you would be able to make an impact at Avitus. We are looking for a Medical Device R&D Intern that pays immaculate attention to detail and has a hands-on "I'll figure out how to get it done" mentality. You will be supporting a design team that is working on game-changing medical device innovations in the orthopaedics space.

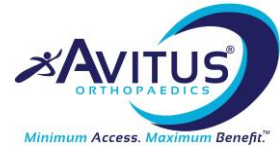
Your work will directly contribute to the advancement of medical technology. You will be in a startup environment and be an essential part of our growth.

The individual to land this role will be asked to help support R&D efforts; no task will be too big or too small to achieve this goal. Your primary role will be to provide assistance to the R&D team, including, but not limited to:

- Test execution
 - Preparing experiments
 - Method and results documentation, observational recording
 - Creating test reports
- Prototype building and modification
 - Basic machining, 3D Printing & assembly
- Test fixture building and modification
 - Basic machining, 3D Printing & assembly
- Results synthesis & recommendations based on synthesis
 - Tech reports & presentations
- Support Lab and equipment maintenance
- Medical Device Testing and protocol development
 - Cadaveric and mechanical bench top testing
- Developing CAD models in SolidWorks
- Working with suppliers to procure R&D materials and supplies
- Utilizing internet databases to conduct literature research and analysis on various subjects

You will report directly to the Senior Product Development Engineer

In addition to your main scope of work, there will be opportunities to wear multiple hats and assist the team in capacities outside of R&D. You will be expected to work hard, admit when you don't know something,



but be challenged to propose or find a solution when faced with the unknown. Lastly, you will work with a sense of urgency and recognize that you are here to make an impact.

The right candidate for this position will have the following experience or working knowledge:

- Currently enrolled in (or recently graduated from) an undergraduate program in CT
- Working towards a bachelor's engineering degree in biomedical, mechanical, or similar.

The following skillsets are required:

- Solidworks 3D Modeling – Intermediate or better
- Machine shop experience is a plus (lathe, mill)
- Mechanical engineering principals (e.g., FEA, linear/static load cases, dynamic/non-linear load cases)
- Excellent communication skills with uncompromising transparency and honesty
- Perseverance to grind through problem solving with iterative failures until success achieved
- Willingness and desire to learn new subject matter that is foreign to candidate
- Impeccable documentation and organizational skills, with a high efficiency in using Microsoft Office
- Previous medical device experience is a plus
- Mechanical failure testing experience is a plus

This position is ideal for those that wish to be thrown into an experience that will grow their professional skills, embrace various aspects of medical device engineering and supplement their academic work with real world experience that will build a foundation for future endeavors.

Position Type:

Part Time, On-site

Physical Demands:

The team member may be required to lift up to 35 lbs. by themselves.

Ready to Apply?

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