



## POSITION DESCRIPTION

<b>Job Title:</b> Intern, Prototyping Engineer
<b>Department:</b> Engineering
<b>Reports to:</b> Technical Project Manager
<b>Revised date:</b> 4/12/2019

[Cast21](#) is a rapidly growing medical device startup whose mission is to change the way the world heals, starting with casting of broken bones. We are committed to developing innovative and effective products to improve current treatment methods used in orthopedics. Creative and clever people with a passion for change are those that help drive the company's success.

We are seeking an **intern, part-time prototyping engineer** to work alongside our team, aiding in fabrication of test prototypes as well as helping with the assembly and quality inspection of production products. Your focus will be on hands-on preparation of materials, in addition to executing Cast21's various fabrication processes for new-product prototyping. The ability to pay careful attention to detail is required for this position.

### Roles and Responsibilities

- Material preparation for prototyping
- Willingness to perform hands-on fabrication and assembly
- Completion of facility safety and equipment training
- Following in-house protocols and documentation procedures
- Quality inspection of production samples and proper data logging
- Aiding with product inventory and traceability
- In-house bench testing of prototypes
- Aiding in the innovation of product design and manufacturing

### Minimum Requirements for this Position

- High School Diploma (Engineering undergraduate students preferred)
- Excellent attention to detail and fabrication skills
- Microsoft Office

### Relevant experience in the following areas is a plus

- Materials
- Manufacturing
- Mechanical Testing
- CAD
- Experience working with laser cutters and 3D printers