



POSITION: PRODUCTION INTERN

Position Summary:

We're looking for a Production Intern to assist with our manufacturing process in a close-knit startup environment that values entrepreneurship, individual drive, and delivering immediate impact to patients in need.

About IBT:

Infinite Biomedical Technologies is a small medical device company that spun out of Johns Hopkins University and has been in existence for 20 years, maintaining an active research and development program in collaboration with University researchers. Our mission is to develop innovative medical devices that functionally improve the lives of patients. Currently, we are developing technology at the interface between people with upper limb amputations and their prostheses. We carry out research, develop in house technology as well as carry out experimental and clinical testing. We have a unique approach that starts from our ability to connect with patients and care providers to determine individual needs. To date, we've launched 3 products in the field of prosthetics, with over 1500 patients served and sales to over 50 unique clinics in the US and distributors in twelve countries.

The Candidate:

At the core, we are looking for an organized and hard-working individual. You should be passionate about building, assembling and prototyping with your hands. You should also be excited about neatly documenting procedures and improving the performance/efficiency/reliability of current processes. Must be comfortable with a fast-paced environment and driven to make things work more efficiently.

You'll be working with custom-built controller boards and robotic prostheses, so knowing your way around a circuit is important. While years of work experience is not necessary, you should have high standards for your work and only be willing to accept assemblies and prototypes that meet these high standards. You should be comfortable with documenting your design process, be willing to operate under a strict quality system, and be prepared to learn on the go while managing your own day-to-day activities. You also need to thrive in an environment where there are no walls and random breakout brainstorming sessions occur frequently; at IBT, people are encouraged to over-communicate, raise concerns, and bounce ideas off of each other constantly.

What you'll be doing:

- Performing and documenting incoming inspections of stock materials
- Building up stock: soldering and assembling circuits and cables, programming boards
- Keeping track of and documenting stock numbers
- Creating shipments: assembling boxes and preparing packaging materials
- Organizing stock area
- Participating in development planning, scheduling, and resource acquisition
- When needed:
 - Testing and troubleshooting circuits
 - Developing specifications and requirements
 - Preparing testing protocols, test reports, and other regulatory documents when needed
 - Preparing quality documentation pertaining to manufacturing and production

What you'll need for this position:

Education:

- Undergraduate student with at least 1 year of experience with hardware, circuits or prototyping

Must-have skills & experience:

- Soldering, prototyping and hardware assembly
- Organized and hard working
- Pride in doing amazing and impactful work
- Strong documentation skills in writing specs, manufacturing processes, test plans, etc.
- Good with high precision work: action and detail oriented
- Cares about ensuring high quality in products

Nice to have skills/experience:

- CAD development experience
- Social media skills (Facebook, Instagram, Website development)

What's in it for you:

- **Work closely with cutting edge technology:** such as multi-articulated prosthetic hands, flexible electronics, and small form factor/low energy components.
- **Gain experience building medical devices:** You'll gain first hand experience building medical devices that may be fit in prostheses around the world.
- **Gain understanding of medical device quality systems:** You'll learn about quality systems that keep medical devices safe and operating at high performance standards.
- **Work in a close-knit, startup environment:** We strive to create an intellectually stimulating and collegial working environment. We follow the philosophy of "work hard, play hard": we have regular movie nights, ping pong tournaments, plan field trips, play touch football, play music, and generally have a good time.
- **An opportunity for full-time employment:** At the conclusion of your internship, there may be an opportunity to join our company as a full-time employee if there's a good mutual fit.
- **Compensation:** stipend of \$20/hour. Looking for commitment of 20-30 hours/week for at least 6 months.

Still Interested? To apply, please send send a PDF resume and any relevant information (images, videos) via email to careers@i-biomed.com. More info can be found at www.i-biomed.com.