Company Information

Simulated Inanimate Models, LLC. is Hiring! www.simsurgeries.com

Job Title

Job Title: Laboratory Technician

Overview

Simulated Inanimate Models LLC (SIM) is a startup company that designs and manufactures lifelike educational models in order to enhance surgical resident training and create a safer environment for patients. We are seeking a laboratory technician to assist in engineering, construction, and shipping of simulation models using 3-D printing, laboratory-grade reagents, and molding techniques using water-based polymers and other synthetic materials. This position contains a dynamic set of responsibilities and major advancement opportunities due to the early startup status of our company. Starting wage is $15.50/hour.

Required Duties and Responsibilities

- Manufacture synthetic water-based anatomical models using basic laboratory chemistry techniques (reagent measurement, mixing, dilution, etc), hands-on assembly, and craftsman-style finishing techniques (painting and sculpting).
- Perform quality checks and validation of completed models, including medical-grade ultrasound imaging validation and measurements.
- Operate and maintain 3D printers, including necessary troubleshooting and maintenance as is reasonable. On-job 3D printing training included.
- Conduct and assist in laboratory experiments for research and development purposes, towards creating more realistic and effective clinical training models.
- Create and maintain a laboratory notebook and other documents to reflect current practices.
- Package and ship completed models according to company protocols.
- Maintain inventory of partially finished and finished models.
- Work with company members to oversee, coordinate, and execute laboratory operations, including both daily production and ongoing research and development.
- Communicate effectively with company members to facilitate understanding with others.
- Work effectively in a team environment.

Required Qualifications

- Knowledge, Interest, and ability to learn relevant medical anatomy and surgical procedures, most notably within the fields of Neurological Surgery and Urology.
- Experience and comfort working in a laboratory setting, including with mildly hazardous chemicals. This includes basic laboratory manual skills (measuring and pouring liquids).
- Capacity to learn, understand, and apply novel research strategies, testing methods, and manufacturing techniques suitable to our company’s dynamic and varying production process.
- Proficiency in basic math and computer skills, including spreadsheets and word processing.
- Organizational skills, namely the ability to log and document information appropriately using common software and tools.
- Attention to detail, ability to work independently.
Preferred Qualifications

- An associate’s or degree in chemistry, biology, biotechnology, or a related biological field.
- Desire to work in a startup company setting, including the ability to take on a wide variety of additional roles and responsibilities if applicant so chooses. A knowledge or interest in entrepreneurship and business is a plus.
- Interest in and basic understanding of 3D printing technology, including experience with design software like Meshmixer and MatterControl.
- Comfort with hands-on craftsman-style work, including painting, polishing, sanding, and epoxy-coating. This includes working with basic power tools (power drill, for example).

Simulated Inanimate Models LLC is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, sexual orientation, gender identity or any other characteristic protected by law

How to Apply

Email resume to Info@simsurgeries.com