



Mechanical Engineer

(Full Time Position)

About Multiply Labs

At Multiply Labs, our mission is to be the gold standard technology for the manufacturing of individualized drugs. We develop advanced, cloud-controlled robotic systems that enable the production of individualized drugs at scale. Plus, our customers include some of the largest global organizations in the advanced pharmaceutical manufacturing space. Our expertise is at the intersection of robotics and biopharma – the team includes mechanical engineers, electrical engineers, computer scientists, software engineers and pharmaceutical scientists. The founding team got in touch because of their shared love of robots at MIT. We are a startup based in San Francisco, California, backed by top-tier tech and life science investors, including Casdin Capital, Lux Capital, Y Combinator, and more. To learn more and to view a video of our robots in action, visit us at: www.multiplylabs.com

Overview:

As a mechanical engineer in the Multiply Labs team, you will apply your engineering skills and expertise to design machine elements and structures, complex mechanisms, and custom automated machinery involved in the manufacturing of novel pharmaceutical products.

Our team-oriented work environment provides in-house access to a wide range of state-of-the-art prototyping and fabrication equipment, extensive engineering material and component inventory to experiment and build with, personalized CAD workstation, and multiple workspaces that foster creativity and collaboration.

This position may also involve the selection and integration of electromechanical actuators, controls, sensors, and microcontrollers.

Basic Technical Requirements:

- Proficiency with 3D CAD software, including modeling and creation of detailed drawings.
- Mechanical design experience taking basic ideas and concepts through to a production – pilot ready working solution that is both robust and functionally refined.
- Working knowledge of common engineering metals, plastics, joining methods, part fabrication methods, and finishing operations.
- Ability to safely and effectively use hand tools, power tools, rapid prototyping equipment, basic machine shop fabrication equipment, and precision measurement tools.

Basic Workplace Skill Requirements:

- Candidates must be a self-starter comfortable working in a fast paced technically challenging startup company environment.
- Candidates must be very organized, and detail oriented.
- Candidates must be able to handle multiple project and task assignments simultaneously.
- Candidates must be able to clearly express their ideas and design details in meetings, team presentations, white board brainstorming sessions, and in various technical documentation.

Additional Qualifications – Considered a plus:

- Experience designing and building automated production machinery for an FDA regulated industry.
- Industrial experience developing robot EOATs, work cell fixtures, or material handling systems.
- Demonstratable proficiency operating machine shop equipment to fabricate high precision parts.
- Working knowledge of ASME Y14.5-2009 GD&T standard.
- Experience designing injection molded parts, qualifying mold tooling, and selecting plastic resins.

Appropriate job level for applicants will be determined based upon individual qualifications and years of experience.