Robotics Field Engineer
(Full-Time)

About Multiply Labs

Multiply Labs is a cutting-edge startup based in San Francisco, California, supported by top-tier tech and life science investors such as Casdin Capital, Lux Capital, and Y Combinator. We are revolutionizing the manufacturing of cell therapies by developing advanced robotic systems designed to automate and scale the production of these life-saving treatments. Our robots empower biopharma companies to produce cell therapies at scale without significantly changing their existing processes, reducing regulatory barriers and risks. While traditional approaches are time-consuming and lead to extremely high costs for patients (typically $1M+ per patient), using robotics can make these transformative treatments more accessible and affordable to patients in need.

To learn more and to view a video of our robots in action, visit us at www.multiplylabs.com and follow us on LinkedIn. You can also read our latest peer-reviewed study, which highlights the statistical equivalence between manual and automated cell expansion processes, at cytotherapy.org.

Position Overview:

At Multiply Labs, our team operates at the intersection of robotics and biopharma. As a Robotics Field Engineer, you'll work alongside a highly collaborative team of mechanical engineers, control engineers, computer scientists, software developers and biopharma scientists to deliver production-ready robotics that automate the manufacturing of life-saving cell therapies. If you are eager to get hands-on with a complex robotics system, are organized and detail-oriented, and are excited to work at an early-stage startup, this role is for you.

As a member of our robotics test engineering team, you will:

- Be responsible for driving day-to-day testing of the robot cluster deployed in Palo Alto.
- Collaborate across the science team, the engineering team, and the marketing team to align testing schedules.
- Develop thorough tracking of the robotic system including: error tracking, success tracking, number of runs, data collection, data statistics, etc.
- Debug and recover from robotic errors occurring during cluster runs.
- Design and maintain testing strategies to ensure system functionality.
- Evaluate customer process requirements for robot interactions and recommend solution approach.

Qualifications:

- Bachelor's in Engineering, Computer Science or related discipline.
- Basic knowledge of robotics concepts such as socket communication, sensors, and control algorithms across software, hardware, and integrated-system development.
- Experience with linux / unix systems.
- Experience with test scripts or debug scripts for execution of robotic actions.
- Passionate, curious, and eager to learn.
- Prioritize organization and detail orientation.
- Excellent communication and collaboration skills.
- Ability to clearly document engineering test instructions.

Additional Qualifications – Considered a plus:

- Experience working in a regulated (FDA or USDA) industry.
- Experience with quality compliance testing.
- Experience with mechanical assembly or inventory management.

Benefits

- Health Insurance
- Dental Insurance
- Vision Insurance
- Health Savings Account
- Daily catered lunch
- Commuter Benefits
- Flexible PTO
- 401K

Note: while our headquarters is located in San Francisco, CA, this position will require supporting a robotic cluster currently deployed in Palo Alto, CA.

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

Multiply Labs is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.