

## Job Description

LifeCanvas Technologies is an MIT startup developing cutting-edge technologies that reshape biological tissue studies and microscopic analysis, with the mission of expediting breakthrough discoveries and improving human health.

As a **Technology Lab Assistant**, you will work closely with our Senior Application Scientist and engineering staff to operate our flagship systems, SmartClear 2 Pro, SmartLabel, and SmartSPIM as we perform our in-house tissue processing and imaging service for end users. Your primary responsibilities will include handling tissue samples and microscopy data for client research projects and industry collaborations. You will need to learn quickly to handle sensitive samples with care while also documenting each one's progress through the tissue processing pipeline. You will be performing a sensitive sample-mounting procedure and then imaging the samples with a state-of-the-art light-sheet fluorescent microscope. You will also be preparing reports overviewing the experimental results, and through this will be furthering the research efforts of world-class scientists in bioengineering, neuroscience, and related fields across the nation and beyond.

You will also be responsible for providing comprehensive scientific and technical support for our end users and global partners, including providing quick responses to emails and other inquiries.

Why LifeCanvas Tech?

- Impact human health by working with revolutionary tools to expedite discoveries
- Opportunity to work and collaborate with the brightest minds
- Collaborative, positive, and proactive culture
- Fast and dynamic environment
- Fully-stocked kitchen

Our ideal candidate will have:

- Bachelor's degree in a biomedical or engineering discipline
- Prior experience in a lab designing experiments and protocols (at least 2 years, part-time or full)
- Background in handling delicate tissue samples and keeping detailed notes on each sample's history
- Prior experience with fluorescence microscopy such as confocal (light-sheet imaging experience preferred)
- Prior experience in a fast-growing life sciences startup or environment a plus

Characteristics we are looking for:

- You're full of energy, adaptability, grit, and sincerity
- You are solution-oriented; your job often entails solving a problem and providing a solution
- You communicate with clarity and keep the team at multiple locations in sync at all times
- You are all about follow-through and delivery, and you match great intentions with great results
- You have a 'no task too small' attitude and top-notch work ethic
- You are able to work under tight deadlines with exceptional attention to details

**Please provide a cover letter of roughly 300-500 words that explains your interest in our company and in the whole-organ tissue-processing pipeline that we are pioneering. Highlight how your past experiences have prepared you well for this position's responsibilities.**