Computer Science Intern

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 through a new holistic 3D tissue processing sample-to-data platform.

As a Computer Science Intern, you will work closely with our Science Team to develop and scale our image processing pipeline. Your primary responsibility will be to further develop software and algorithms to extract biologically-meaningful data from raw image stacks produced by light-sheet imaging of large tissue samples. As part of this responsibility, you will be working to create user-friendly programs for image analysis from both existing platforms and from the ground up. You will need to know how to work with large datasets, and experience with image processing is a plus.

Why LifeCanvas Tech?

- Impact human health by working with revolutionary tools to expedite discoveries
- Collaborative, positive, and proactive culture
- Fast and dynamic environment
- Have your ideas become products and services

Our ideal candidate will be:

- Experienced in Python, C++ or a similar language - required
- Experience with image analysis, microscopy, and/or biological research are a strong plus
- Experienced working with large datasets
- Able to facilitate quantitative processing and interpretation of highly-multiplexed microscopic images.
- Available to work full-time or part-time

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

Location - Cambridge, MA

Salary and Compensation - Commensurate with experience and negotiable

If you are interested in applying for this position and working at a mission-oriented and fast-paced startup, please send your CV to rhie@lifecanvastech.com