About the Job

Summary: AcousticaBio is proud to announce this unique opportunity to join us at the beginning of our first product design as a Lead Systems Engineer. AcousticaBio, an innovative deep-tech startup, is a venture-funded Harvard spin-out and 2021 MassChallenge Winner. The Lead Systems Engineer will have the full breadth of internal and external development of our proprietary platform.

AcousticaBio is an advanced manufacturing company solving the greatest challenges in life sciences and beyond. Its proprietary Harvard-patented technology revolutionizes fluid processing at the microscale and it is particularly well suited for processing stem cells and monoclonal antibodies, overcoming limitations of the current state-of-the-art manufacturing technologies. For its beachhead market, AcousticaBio aims at improving the clinical care of millions of patients by reformulating existing intravenously-delivered biologic products into subcutaneous injection, disrupting a $150B market. Patients would have the ability to self-administer their life-saving medication in the comfort of their home with reduced pain and discomfort and without long, costly hospital visits.

The company has achieved significant traction and has been awarded a NovoNordisk Golden Ticket at Lab Central, Amgen mentorship through M2D2, and support from Harvard through the Blavatnik Biomedical Accelerator. The company is a spin-off out of the Lewis Lab, led by Prof. Jennifer Lewis, finalist of the Harvard President Innovation Challenge, and 2021 MassChallange Diamond Award.

Position: Lead Systems Engineer
Location: Cambridge, MA preferred. Remote work possible.

Responsibilities include:

- Leading the design, development, and implementation of a novel, proprietary microparticle production platform.
- Leading a team of engineers and scientists.
- Defining and implementing product development strategy.
- Leading manufacturing efforts, both internally and with external partners.
- Hands-on work required! We are just kicking this off.

Requirements:

- Degree in mechanical engineering, electrical engineering, system engineering, or in a related technical discipline.
- Proven record of electromechanical product design in the field of microfluidics, fluid dispensing, or advanced manufacturing.
- Proficient with CAD for mechatronics systems.

- Experienced with rapid prototyping and mechanical assembly.

Desired Skills:

- Experience with signal processing of industrial ultrasound technology is a big plus.
- Box/rackmount system build and design experience.

Who are we looking for?

A builder/maker/doer/creative thinker. If you grew up playing with LEGOs (or you still play with them), built your own treehouse, cycled or backpacked the world, repaired your motorcycle, assembled your own computer, got your brewing system controlled via a Raspberry Pi, play a musical instrument, acting class or drawing or painting decks or canvas…anything that gives you joy out of making something – this job and team is for you.

Salary:

Base salary $90-110k.
Competitive equity and sign-on bonus package.

About AcousticaBio

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