

# Dottir Labs

**Job Title:**

Lead Systems Engineer

**Location and On-site Requirements**

Greentown Labs, Somerville MA - 80% on site

**Compensation**

- Salary range 120-140K
- Equity
- 401(k)
- Health insurance

**About Dottir Labs:**

Dottir Labs is an MIT spinout led by [Nili Persits](#). We are building a new kind of chemical sensor system based on Raman spectroscopy at an unprecedented scale and low cost. This system will enable new kinds of process control and optimization addressing large scale human health and climate impacts.

**About the role:**

Dottir Labs is seeking a Lead Systems Engineer to shape the future of real-time, inline analysis with our sensor technology. As a key member of a small, hands-on team, this role involves working directly with the technical CEO and collaborating with trusted external partners to bring innovative ideas to life. This is a unique opportunity to join at a critical early stage, where contributions will define both the technology and the direction of the company. The ideal candidate is a first principles thinker who is ready to roll up their sleeves, solve hard problems, and lead the design and integration of systems that transform manufacturing on a massive scale. If the idea of building something truly impactful with a passionate and supportive team excites you, this role is the perfect fit!

**What You'll Do:**

- Design and build things into existence - starting from our very own lab and prototype system and continuing on to our first deployable pilot system
- Translate customer and market needs into clear technical requirements and specific product specifications.
- Provide technical leadership, setting priorities and ensuring projects are completed on time and within budget.
- Define and solve engineering challenges, leading the design, prototyping, and integration of scalable sensor systems.
- Collaborate with and manage external subcontractors to deliver high-performance components and systems on schedule.
- Act as a technical liaison with customers, ensuring products meet and exceed user expectations through feedback and iteration.

**What You'll Bring**

- A collaborative, inclusive leadership style that values diverse perspectives and fosters creativity.
- Strong experience in system design/sensor design (preferably optics experience), including development, prototyping, and integration into real-world systems.

# Dottir Labs



- Exceptional problem-solving skills, with a passion for overcoming technical challenges and innovating in complex environments.
- Proven leadership skills with experience managing product development and working with external subcontractors.
- Hands-on experience in managing manufacturing processes, from prototype to production.
- Ability to drive collaboration and manage relationships with external partners to achieve project goals.
- A results-driven mindset, focused on delivering scalable, high-performance systems.
- Curiosity and a growth mindset, with a desire to continuously learn and push the boundaries of what's possible.

## **Equal Employment Opportunity**

At Dottir Labs, we are working toward sustainable production of food, chemicals and foster environmental stewardship. We are committed to creating an inclusive environment for all our employees and are seeking to build a diverse team that reflects the people and communities we hope to serve with our revolutionary technology. Dottir Labs is proud to be an equal opportunity employer.

## **Applications must include :**

- Resumé
- Cover letter recommended

Send to: [nili@dottirlabs.com](mailto:nili@dottirlabs.com)