

Lead Engineer

ALine is a recognized leader in the science and engineering of Microfluidics-based products. We enable our customers to get to market quickly with next generation diagnostic products for health, environmental, and food monitoring. We are looking for a **scientist or engineer with experience in microfluidics or mechanical design of fluidic cartridges**. The ideal candidate will enjoy the challenge of solving customer-focused problems and be results-oriented, and a practical problem solver. At ALine, you will find great satisfaction working on a variety of customer applications with our team of experts who understand how to make scientific and engineering solutions practical for commercial products. ALine believes that delivering high quality science and engineering efficiently and effectively is our key differentiator and the highest value we bring to our customers. Engaging in a variety of scientific and engineering problems in microfluidic product development ensures our highly skilled team continues to build on their expertise, engaging in continuous learning to create microfluidic solutions for real-world products.

As a Lead Engineer you will be responsible for:

- Executing engineering programs for product development through the complete program cycle, including:
 - Executing on program activities, including device design and experimental characterization. Document project results and outcomes. Leverage ISO13485, PMP and FDA requirements to enhance our deliverable to customers on engineering programs.
 - Plan their effort to meet programmatic budget and milestones with time for internal review before delivery to the customer.
 - Interact with customers to understand requirements and suggest effective development path. Report on program progress, including risks and further development work required to meet programmatic milestones.
 - Consistent and accurate record keeping and regular reporting to customers and internally.
 - Design parts from concept, developing fabrication and assembly processes that effectively meets functional requirements with attention to scale for manufacture.
 - Plan and execute device characterization, including design of experiments and reporting.
- Support internal R&D programs for process and product development:
 - Execute and report on internal R&D programs with the goal to develop new capabilities, processes and products.
 - Contribute to technical articles to support ALine's marketing efforts.

Education and Qualifications:

- B.S. with 3-5 years of experience or M.S. with 0-2 years required
- Experience in mechanical/chemical engineering/biomedical engineering/physics or other fluidics related fields required
- Hands on experience in microfluidic device development required
- Experience in designing, prototyping and testing microfluidic devices required,



- Strong communication skills required (oral, written, presentation) required
- Ability to work as part of a team and as an individual contributor required
- Ability to manage multiple projects in parallel and prioritize activity based on programmatic priorities, while effectively managing time and resources is required.
- Experience in process development and material selection for microfluidic devices preferred
- Experience with injection molding of fluidic cartridges preferred.

We offer a competitive total compensation package that includes medical, dental, vision, life insurance, long-term disability, vacation and sick time, 15 paid holidays, corporate profit sharing and a 401(k) plan with 4% company match. Come be part of a growing company with an innovative work environment that encourages skilled, highly motivated professionals to put their ideas to work in developing and supporting Microfluidics-based products.

Please forward your resume with salary requirements to resume@alineinc.com. ALine, Inc. is an Equal Opportunity Employer. Applicants must be currently authorized to work in the US on a full-time basis.