

## Project 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 who enjoys working with their hands to do problem solving, as well as design and develop of new devices for testing and evaluation by customers. The ideal candidate will enjoy the challenge of solving customer-focused problems, 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 Project Engineer you will be responsible for:

- Execution of custom device development projects in which a new device design needs to be developed, fabricated and verified for functional performance before delivery to the customer.
- Support engineering programs through device design, fabrication, QC, and testing to support functional requirements. These objectives will be performed with guidance from an experienced engineer.
- Organization of your work and detailed written records in a signed and dated laboratory notebook.
- Prepare reports and presentations to summarize your work to the customer.
- Be present in customer meetings when needed to discuss the project.
- Create cut files and work instructions for release to the fabrication floor and follow design control procedures according to ISO13485.
- Become proficient in making different kinds of parts, particularly those with valves, from supplied CAD drawing or files.
- Understand the function and workflow for the device and know how to test and troubleshoot functional performance issues.
- Collect and report data from experiments that are required to validate the performance and reliability of products in development.
- Use statistical analysis to report the variability in your data and to troubleshoot and correct sources of error.
- Work with Quality Department to ensure correct and accurate record keeping for each project

As a new hire, you will spend the first 3 to 4 months in training, learning our design rules and fabrication and testing processes so that you understand the engineered components and their practical application in device design and fabrication.

**Education and Qualifications:**

- B.A., B.S. with 0-3 years experience in mechanical engineering/biomedical engineering/chemical engineering/biology/chemistry.
- Strong communication skills required (oral, written)
- Ability to work as part of a team and as an individual contributor is required
- Ability to manage activities for multiple projects in parallel and prioritize activity based on programmatic priorities, while effectively managing time and resources is required.
- Familiar with software including CAD/CAM, Spreadsheets, word processing and presentations. Hobbies or work experience doing detailed work.

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](mailto: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.