

Engineer

AVIVA Biosciences Corporation is a San Diego-based biotechnology company, which integrates biochips with cell and tissue biology. Our accomplishments have had a significant impact on drug discovery and healthcare. Presently we are seeking additional support in the development of a new instrument device that separates blood components for downstream analysis.

Job Summary

This position in our R&D department will work in a team environment and be responsible for designing and maintaining components for a blood handling device and its associated manufacturing and assembly jigs and methods. The incumbent will assist scientific staff with converting design plans into CAD files, manage outsourced CNC machining of parts, and assist with programming of embedded systems and controller software for new equipment and manufacturing components. This position will be the only internal engineering position, hence will require contribution in multiple other projects as necessary. Occasional extended work hours may be necessary to meet delivery targets.

Responsibilities

- Design, machine, build and program a small bench-top fluidics device under direction of project lead.
- Document and conduct experimentation with device to optimize parameters and document capabilities and limitations, as directed.
- Design, machine and build production line equipment.
- Provide design feedback and conceptualization.
- Additional responsibilities as required

Qualifications

- Experience in building automation solutions and small mechanical systems
- Must be able to manage multiple priorities and concepts simultaneously
- At least one year of design work using SolidWorks CAD (version 12 or higher)
- At least one year experience in CAM programming and machining. Provide training certificates.
- Must work successfully in a team environment

Preferred additional skills:

- Familiarity with programming and ability to debug and optimize software using C++, C# and VB in a linux environment
- Working with COB Embedded Systems such as Raspberry Pi, Arduino, etc
- Web-based controls programming

AVIVA is an equal opportunity employer. We offer competitive compensation, excellent benefits, paid time off, plus a stimulating and collaborative work environment. Our culture is team oriented, fostering creativity and open communication. With minimal employee turnover, AVIVA could be the ideal growth opportunity; where you can achieve your career goals. We are always seeking top candidates for employment in the fields of biology, chemistry, engineering, physics, and software development. Even if our current job openings do not list your specific area of expertise, we are still interested in hearing from you, as all candidates will be given our sincere attention and consideration.

Please email or fax your resume or curriculum vitae, along with a cover letter, to us at the address below. Be sure to specify job code DP051315 in the subject line.

email: hr@avivabio.com

fax: (858) 552-9040 (Attn: Human Resources)

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