



DRAWBRIDGE HEALTH OVERVIEW

Drawbridge Health is a new company that will revolutionize diagnostic sample collection with a simple, yet elegant solution. We are focused on shifting health care from a reactive, undifferentiated approach to a proactive, targeted approach by transforming the way we detect, prevent, manage and treat disease. This transformation begins with how we collect samples for medical diagnostic tests and interpret the data that we use to make nearly all of our medical decisions. The current sample collection and testing paradigm is not only inconvenient and costly for consumers and medical providers alike, but is also incomplete and not tailored to the individual. Drawbridge is building a new sample collection and stabilization platform to enable the broad access, cost-effectiveness, accurate, and actionable information necessary to pave the way for truly individualized healthcare.

We are backed by top VCs and advisors.

R&D ENGINEER POSITION OVERVIEW

Reporting to the R&D Engineering project manager, the R&D Engineer position will play an important role in the design, development and commercialization of new and improved blood collection and stabilization devices. It offers technically challenging work that will have a positive impact on patients' lives and the business.

SPECIFIC RESPONSIBILITIES

- Under the general guidance of R&D and manufacturing/operations leadership
 - Lead design and development of device components or subassemblies
 - Assist component integration into finished device
 - Construct R&D prototypes and assist in design transfer from development to steady-state production
 - Develop and validate new design and process test methods and/or revise existing test methods
 - Organize and execute research, design and process verification and validation testing of prototypes, finished devices, and materials
 - optimize manufacturing processes through DOE
 - organize, coordinate, and execute process validations of new or modified manufacturing equipment
 - obtain and coordinate necessary materials, services, and test data
 - prepare protocols and reports to document and communicate test procedures and results

MINIMUM QUALIFICATIONS

- 2-3 years related work experience
 - Design, fabrication, specification, evaluation, and characterization of mechanical device components as well as integration into complex systems
 - Demonstrated, hands-on prototyping including machining and assembly
 - Demonstrated, data-driven problem solving including use of statistics and DOEs
 - Design, fabrication and validation of test fixtures & validating test methods
 - Familiarity with a variety of mechanical measurement methods, techniques, and instruments

- Optimization and troubleshooting lab and manufacturing equipment and instruments
- Excellent written and oral communication and interpersonal skills

PREFERRED QUALIFICATIONS

- Experience with fluidics
- Experience with developing product requirements and test methods to test requirements
- Experience with identifying, selecting and working with vendors
- Experience with SolidWorks
- Experience with medical device good lab and manufacturing practices and quality systems

PERSONAL CHARACTERISTICS

- Pro-active, resourceful, collaborative, team player and “hands-on”
- Enjoy the startup environment where pace is fast and uncertainty is commonplace
- Be “data-driven” in all aspects of product and manufacturing process evaluation
- Focused, disciplined, concise and persuasive
- High ethical standards, professional integrity, accountability

LOCATION

San Francisco Bay Area

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