

Senior Automation Engineer

Beverly, MA | Location

Send your resume to careers@seqwell.com

Join the seqWell journey!

Do you enjoy the challenge of figuring out how to accelerate research by creatively leveraging your expertise? Our mission at seqWell is simple. We strive to unlock the full potential of modern NGS instrumentation through a transformative library prep technology called plexWell™. Our library prep workflow enables scalable multiplexing with fewer steps to achieve greater efficiency, cost savings, and minimize time to results.

What we are looking for:

seqWell Inc. is seeking a talented automation engineer to join our rapidly expanding team. Our company's mission is to revolutionize NGS library prep via products that help unlock the full potential of modern DNA sequencing instruments. Building on our core strengths of molecular reagent design and workflow engineering, seqWell's product portfolio allows improvements in the scale and quality of DNA sequencing results. Our plexWell and purePlex™ platforms are transformative library prep technologies that allow for simple, scalable multiplexing with less time- and cost-consuming normalization and QC steps.

As we grow and expand our capacity in our Beverly, MA facility, we are seeking an automation engineer to help support the manufacturing of our growing product lines, provide input and design new methods in support of new product development, and applications. As a key member of the team you will work with Operations, R&D, and Marketing to optimize automated methods.

You will contribute your expertise in process development, design, installation and scale-up of automation systems. You will assist Operations with problem solving with regard to the automation systems. You will also develop code and design system architectures that comply with customer requirements.

This position provides a wonderful opportunity to work with a growing team with significant potential for personal and professional development.

How you will contribute:

- Design, configure, and implement automated solutions for the laboratory
- Help develop specifications that maximize automation-compatibility
- Develop software and hardware design specifications
- Develop integration scripts and or workflows to be compatible with future developed LIMS
- Finalize development projects by training and guiding technicians.
- Work closely with the Production manager and development teams to identify and implement new solutions
- Write automation scripts and/or reports to efficiently provide data to management
- Improves manufacturing efficiency by analyzing and planning the production workflow, space requirements, and equipment layout

What you will bring:

- An MS or PhD in Biotechnology/Biology/Bioengineering (or in a related field) with at least 2 years of relevant job experience, or BS Degree in Biological Sciences (or in a related field) with at least 4 years of relevant job experience
- At least 2 years of recent laboratory automation experience with:
 - Tecan Robotics (specifically Fluent)
 - Beckman Robotics a plus
- Ability to independently program and develop robust new automated workflows to make laboratories more efficient
- Experience integrating automation with LIMS
- Experience with automating molecular biology methods (e.g., NGS library prep, PCR or DNA purification) is desirable
- Experience with Netsuite ERP is also a plus

Be a part of the seqWell team today! seqWell is an Equal Opportunity Employer and Prohibits Discrimination and Harassment of any kind: seqWell is committed to the principle of equal employment opportunity for all employees and to providing employees with a work environment free of discrimination and harassment.