



Automation Engineer II

Location: Woburn, MA

Vaxess Technologies is developing next generation vaccines and therapies based on its proprietary silk technology. MIMIX™ enables sustained intradermal delivery of vaccines and therapeutics to enhance efficacy and simplify administration. We are committed to enabling products that are not only more effective but also more accessible to patients around the world.

Research & development at Vaxess is cross-disciplinary, integrating mechanical, industrial, biomedical, and chemical engineering with chemistry, biology, and human factors to address important unmet medical needs in vaccines and therapeutics. We are seeking a talented, collaborative, and highly motivated engineer with expertise in developing automated manufacturing equipment to join our team of scientists and engineers. This is a unique opportunity to build manufacturing capacity from the ground up at an emerging early phase clinical company, bringing innovative technology to the global market. [Vaxess Manufacturing Tour](#)

Responsibilities

- Develop automated manufacturing equipment to perform unit operations for manufacturing Vaxess's products
- Develop tools, fixtures, and process aids to improve quality and throughput of manufacturing operations
- Develop imaging systems and machine vision programs for inspecting Vaxess's products
- Maintain existing automation equipment and lead continuous improvement efforts for equipment and processes
- Draft URS and qualification protocols for equipment and work closely with outside vendors to procure equipment
- Draft equipment use and maintenance SOPs and contribute to implementing and maintaining the Quality System
- Train, supervise, and mentor junior members of the manufacturing team
- Collaborate closely with cross-functional teams to support product development and manufacturing activities

Qualifications

- BS or MS in Mechanical, Industrial, Biomedical, or Electrical Engineering, or a related discipline
- At least 2 years of direct working experience with machine vision, PLCs, robotics, and other automated equipment
- Proficient with Solidworks or similar 3D CAD software
- Proficient with ATS SmartVision or similar machine vision software
- Proficient in process development principles including root-cause analysis (RCA), measurement system analysis (MSA), design of experiments (DOE), process capability analysis, and continuous improvement
- Knowledge of GxP requirements and experience working within a medical device or pharmaceutical quality system
- Experience working in clean room environments with bioburden controls; aseptic production experience is a plus
- Proven time management skills and ability to achieve goals within timelines
- Demonstrated abilities to learn new skills and fields, creatively solve challenging technical problems, think independently, and work collaboratively in diverse multidisciplinary teams
- Entrepreneurial spirit and drive to positively impact global human health

Vaxess, a venture-backed clinical-stage life sciences company, is building a team of exceptional people to rapidly advance products on the MIMIX™ platform. We work closely as a team and thrive in a dynamic, exciting, and engaging work environment. We aim to recruit, employ, train, compensate and promote regardless of race, religion, color, national origin, sex, gender identity or expression, sexual orientation, disability, age, or veteran status. If you're interested in joining the Vaxess team, please submit your CV/resume to careers@vaxess.com.