



Microfluidics Engineer Life Science Technologies

About the company

Qplox specializes in product qualification and release. We offer consultancy and engineering services for test and lab automation, characterization, verification, validation and end of line test. For a wide range of products, and with special focus in High tech.

Our engineering department develops custom made test and automation systems, electronic prototypes and test benches. Our consultancy department offers our clients a complete solution for their high tech qualification needs. From RF, Photonics, semiconductors... our engineers can help in the qualification of all your advanced products.

Job Description

We are looking for an engineer with a strong technical background in the field of microfluidics with deep experience in design, packaging and test for life sciences applications. We are looking for an experienced engineer, preferably with product development experience, who is highly motivated to work together with our design engineers and application scientists to develop prototype microfluidic systems. It is essential that you are a hands-on person with excellent engineering skills and a personal drive to achieve project goals

This person will have to:

- Design and test prototype microfluidic devices for research and diagnostic applications
 - Develop integration and packaging solutions for microfluidic systems involving components such as molded fluidic cartridges, reagent packs, silicon devices, PCBs, and various sensors.
 - Work closely with an interdisciplinary team to define requirements and system trade-offs
 - Interface with external vendors for selection of components or procurement of customized parts
 - Work according to agreed customer timelines and report on progress internally and to customers
 - Design and execute test plans together with application scientists
 - Quickly adapt to new projects based on internal and external requests
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Candidate Description

- You have at least a Master's degree in mechanical engineering, chemical engineering, industrial engineering, or other equivalent discipline with at least 5 years experience in microfluidic device design, integration and testing. Experience in the development of a life sciences product is preferred.
 - You have experience in microfluidic packaging and integration solutions for fluidic interfaces, reagent storage and dispensing, biocompatibility and thermal management.
 - You are familiar with microfluidics manufacturing technologies including injection molding, bonding, mechanical machining, laser machining, microfabrication or other equivalent technologies
 - You are familiar with Solid Works or other equivalent CAD packages
 - You have experience in microfluidics testing with experience in tolerancing, reliability and failure analysis
 - You have experience working with contract manufacturers and/or custom design houses for custom development needs
 - You are a team player.
 - You are fluent in English and have excellent communication skills
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We offer

Your performance and growth is monitored, assessed and rewarded, you will have an individual development plan based on your competences and interests. We offer an attractive salary package with extra-legal benefits. A high tech, multicultural and young company with fast promotion and many learning possibilities in a growing, multidisciplinary company.

Contact

Send your CV to jobs@qplox.com or surf to www.qplox.com
