

# Job Description: Sr. Software Engineer

## The Top Line

Here's the deal. We're all about helping biologics researchers break free from tools that just don't cut it. Unleashing problem tackling products that make a huge difference in the real science they do every day. That's our mantra, our promise and we own it. We live by an unconventional strategy for a start-up: we're buying commercial businesses and developed technologies, adding our magic touch to turn them into breakthrough products, investing massively in customer-facing teams and then selling those products like gangbusters.

## The Job

We are looking for a software engineer that is enthusiastic, flexible and eager to attack new challenges. Candidate should be able to perform in a fast pace product development environment.

## Responsibilities

- Work with other engineers and scientists to specify and design the instrument control and analysis applications for our instrument product lines.
- Responsible for the architecture, software specification as well as implementation.
- Work with marketing team to get requirements that can be represented in software.
- Work with test team to resolve issues.

## Qualifications

- Expertise in developing Windows desktop applications using Microsoft Visual Studio using C# .net
- Experience building windows software installers in the post MSI era
- Full knowledge of software design, architecture, algorithm design, and industry standard software development practices
- Experience developing MVVM based Desktop GUIs using WPF / XAML
- Experience with source control management tools like Git and TFS.
- Excellent software documentation, organizational, teamwork, troubleshooting, problem solving, and communication skills
- SQL database knowledge and experience
- Knowledge and experience implementing various IPC and messaging mechanisms under Windows
- Experience writing Windows Services using WCF

- Experience writing C++ CLI mixed mode programs in .Net, along with pInvoke of native C/C++ DLLs
- Experience with instrument interfacing and real time data collection
- Familiarity with common numerical analysis algorithms (integration, differentiation, curve fitting, etc.)
- Requires a bachelor's degree Computer Science, Computer Engineering or equivalent with 4+ years of experience.