



RheoSense

Simply Precise™

Senior Software Engineer

Job Opening at RheoSense, Inc. | San Ramon, CA

Did you know that viscosity measurements are important in every aspect of various industries starting from product development all the way to manufacturing? Do you know that RheoSense's viscometers using MEMS/Microfluidic VROC® chips are disrupting the scientific community by overcoming the deficiency of existing technology and ensuring the collection of accurate scientific data? RheoSense is a team-oriented solution provider to industries with family like work environment. We are looking to expand our team with a field service engineer who loves problem solving and troubleshooting. If you are an active problem solver who is looking for a challenge, we encourage you to apply!

If you are a passionate engineer/scientist with strong expertise and working experience developing C# and .NET applications for scientific instruments and would love to see your contributions to a great application program help many scientists worldwide, you are welcome to apply.

The Senior Software Engineer will be a key member of the software development team, working closely with other product development team members to develop new application programs for our state-of-the art instruments.

Job Responsibilities

- To develop and maintain Windows based application programs within tight timelines
- To develop user-friendly GUI for the programs
- To develop testing programs for calibration and production
- To document specifications and help create user guides and manuals
- To Interact with other team members to create the most user-friendly and reliable applications possible

Requirements:

- Passionate to make key contributions building great programs and helping users
- More than 5 years of hands-on development skills with Windows programming (C# / .NET, C++)
- Significant experience developing WinForms and WPF/XAML applications and familiarity with MVVM design
- Experience and skill developing attractive and efficient Graphical User Interfaces for Windows
- Strong knowledge of database development (SQL Server, SQLite, etc.)
- Familiarity with standard software test techniques and tools (Unit Testing, Black Box Testing, etc.)
- Familiarity and experience using software source control systems (GIT, SVN, etc.)
- Significant experience with communications and command/control technologies using Ethernet, RS232/RS485, USB, and CAN
- Ability to build test, calibration, and automation programs for prototypes and manufacturing products
- Demonstrable mastery of core software development methodologies such as Object-Oriented Programming, Agile Development, Common Design Patterns, etc.
- Excellent verbal and written communication skills with the ability to confidently convey technical information clearly and concisely to a variety of audiences
- Excellent analytical and problem-solving skills
- Willingness to roll up sleeves and strong results orientation is a must

Preferred

- Advanced degree in science and engineering, computer science major
- Experience in Software Development for Test and Measurement or Automation systems (Hardware interface and control)
- Knowledge and experience with Web and HTML based programming technologies (JavaScript, Angular 2, Node-JS, REST API's)
- Embedded development (Both RTOS and non-RTOS based)
- FDA/GMP experience
- NI LabVIEW knowledge and experience

Compensation:

- Excellent compensation package plus excellent health and dental benefits
- Excellent opportunities for career growth
- Financial Benefits including 401k Investment Savings Plan
- Stock options

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