

**Position Title:** Software (LabVIEW) QA Lead Engineer – JC: 0320-00046

**Position Location:** Santa Clara, CA USA

PDF Solutions, Inc. (NASDAQ: PDFS) is a leading provider of yield improvement technologies, services, systems and analytics for the IC manufacturing process life cycle. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan.

**Position Summary:** PDF is seeking **an experienced QA Lead Engineer** to join the DFI R&D team, who is familiar with best QA practice and tools available in order to lead the QA activity for software control application that controls Semiconductor metrology tool and can put all the necessary processes and procedures in place. The QA Engineer **MUST have LabVIEW** knowledge and experience, so they can take full ownership of the Software QA for the control application. The candidate needs to be organized and highly motivated team player with strong initiative and communication skills, ability to mentor other team members and possesses the drive to deliver quality results on time in a complex, intensive and highly productive environment.

## Job Duties

- Implement test plans for the different components of the application.
- Set requirements for functional testing and unit testing.
- Test the tool in simulation and on the hardware.
- Own daily monitoring of builds, releases, regression and unit test status.
- Manage all tickets and bugs through QA tools
- Improve and automate QA and testing flow.
- Communicate with engineers to identify and understand new products and features. Create and document test cases base on new features.
- Troubleshoot tool failures for root cause.
- Manage internal and external engineering resources as needed to progress the project.
- Document design, debugging and testing procedures.
- All machine control software is written primarily in LabVIEW.
- Work with technical requirement specifications to develop and document code.

## Qualifications and Skills

- Bachelor's Degree in Engineering or related technical discipline.
- Must have at least 2+ years of software QA and testing experience.
- Experience with LabVIEW development for GUI and time critical applications.
- Hands on skills on hardware control SW and troubleshooting.
- Experience developing with text based software like C++, C# and Python is a plus
- Working in the Semiconductor domain is a plus
- Excellent written and verbal communication skills.
- Self-motivated, results oriented person with a delivery focus.

## QA Engineer