

Senior LabView Software Developer

Are you looking to hone your skills in an exciting career where you can work on cutting edge technology and work side by side with Industry experts with decades of experience? Do you want to work in the elite department of the company? And do you have industry Electron Beam and software development experience in machine control using National Instruments LabVIEW? If you answered YES- **Then Submit your resume today** for our Senior **LabView Software Developer** position.

You must live and work in the South Bay Area and be authorized to work in the US. Only candidates with 5 years of industry software development experience in machine control using National Instruments LabVIEW will be considered.

What You'll Do:

- Scope and design software architecture for innovative Electron Beam Microscope based metrology tool.
- Research and prototype algorithms to perform different aspects of the tool control. Develop calibration and diagnostics methodologies.
- Support control software activities on tools, including Software design, implementation, Installation, troubleshooting and testing.
- Mentor other members of the team on implementing components on the designed architecture.
- Manage internal and external engineering resources as needed to progress the project. Document design, debugging and testing procedures.
- Develop machine control software for semiconductor capital equipment including test instrumentation, performing data acquisition and analysis.
- Ability to write All machine control software in LabVIEW.
- Write low level control for various types of components like DC/RF power supplies, motion control, mass flow controllers, etc including software simulation ability to improve development/testing without requiring access to an actual process tool.
- Write higher level software for running recipes, and develop appropriate GUIs.
- Work with technical requirement specifications to develop and document code.

What You'll Need:

- MS/PhD in Computer/Electrical/Mechanical Engineering or related technical discipline.
- Proficiency in LabVIEW development for GUI and time critical applications.
- Strong analytical abilities, especially in numeric algorithms and physics domain.
- Strong hands on skills on hardware control SW and troubleshooting.
- Must have at least 4+ years of software development experience in machine control using National Instruments LabVIEW. Preferably at the Semiconductor industry.
- Proficient in Object Oriented development concept.

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- Experience developing with text based software like C++, C#.
- Excellent written and verbal communication skills.
- Self-motivated, results oriented person with a delivery focus.

What You'll Get:

- A rewarding career in a highly intelligent and collaborative environment
- Medical, Dental, and Vision Insurance
- 401K
- Life Insurance
- Stock Equity
- PTO
- Perks