



Job Title:	Software Engineer	Job Category:	Engineering
Department/Group:	Engineering	Job Code/ Req#:	00000112
Location:	Testek	Travel Required:	N/A
Level/Salary Range:		Position Type:	Full Time/Salary
HR Contact:	Kristin Kefalas	Date Posted:	11/8/2019

Job Details

Job Description:

The Software Engineer will be responsible for the installation and testing of standard software in relation to test stands.

Job Responsibilities:

- Technical Skills
 - Experience working with one or all of the following instrumentation protocols: GPIB, Serial, Modbus, TCP/IPUSB
 - Windows application development (WinAPI, external libraries, networking basics)
 - C++, LabWindows CVI
 - Test executive software such as NI TestStand
 - Databases and database management systems such as MS SQL server

- Electronics and Instrumentation
 - Instrumentation hardware (data acquisition systems, transducers, signal conditioning modules, power supplies)
 - Control systems
 - Sensor calibration, signal conditioning (filtering, averaging, amplification, etc.)
 - Electrical & Hydraulic schematics and Automated Test Equipment layouts and diagrams

Other Skills

- Developing software using standard Software development life cycle(s)
- Configuration Management for software
- Development of test procedures based on CMMs for test parts
- Experience with MS Office tools
- Project scheduling and estimation of work



Requirements:

- Minimum of 3 years of experience
- Bachelor's Degree in Electronics or Computer Science

Preferred:

- Strong LabVIEW skills, LabVIEW certified (CLAD, CLD, CLA) preferred