

JOB DESCRIPTION

Position: Test Engineer

Reports to: Director, Engineering

Mission:

The test technician will help develop, monitor, and perform product hardware monitoring for new and existing product lines to support new product development efforts.

Key Responsibilities and Accountabilities

- Edit and/or create programs using C++ to read and monitor sensors used with our products
- Read electrical schematics
- Basic hardware diagnostics
- Assemble electronic and mechanical devices
- Perform soldering and set up of stands and rigs
- Perform life cycle testing with fluidic devices
- Data collection of test results
- Perform some data analysis
- Collaborate with the new product development engineering team on new testing strategies

Qualifications:

- Bachelor's in Engineering or Computer Science
- Ability to read sensor data sheets, wire up and program controller to monitor product characteristics based on sensors and characteristics chosen by engineering
- Extensive background in C++ and/or Python programming languages
- Ability to read electrical schematics
- Hardware background (controllers, sensors, understanding of basic hardware design i.e. filters, logic gates)
- Knowledge of Microsoft Office Suite
- Understanding of statistical problem solving and root cause analysis

Supervisory Responsibility

This position has no supervisory responsibilities.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to sit or stand.

Position Type/Expected Hours of Work

This is a full time position. Days and hours of work are Monday through Friday 8:00 am – 5:00 pm or as determined by project needs.

Travel

This position does not require travel.

Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.