



# Job Description

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Position: Test Automation Software Engineer

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## Overview

Larson Automation develops custom automated functional test systems for the electronics manufacturing industry. We leverage industry standard software and state of the art hardware to provide innovative applications tailored to our customers' requirements.

We are looking for a recent software engineer graduate to expand our capabilities. The ideal candidate should have interest in testing electronic components/boards/systems in an automated functional test environment. You will be a key member of a team to develop automated test solutions based on customer requirements.

## Duties and Responsibilities

- Create software test applications to provide a virtual test environment unique to our customers' requirement.
- Develop GUI screens to represent a test bench focused on the customers' product.
- Write test software to ensure the product is operating properly.
- Perform bench testing using standard test equipment before coding the automated test.

## Skills and Requirements

- BSCE or BSCS
- Major: Science/Computer Science, Engineering
- Class Level: Senior, Graduate Student, Alumni
- GPA: 2.5
- Interested in testing electronic product in an engineering/manufacturing environment
- Good communication skills
- Ability to lead a team through a long-term project based on changing requirements
- Must enjoy a multi-tasked environment and be comfortable learning ATE development tools such as Visual C/C++, LabVIEW, TestStand, or LabWindows/CVI
- This job requires hands-on programming
- Knowledge of Data Acquisition equipment
- GPIB based instruments, RF/Microwave measurements, Oscilloscopes, DVM, Spectrum Analyzers, Signal Generators, Scalar Analyzers, Network Analyzers, Power Meters, and other equipment is helpful.

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