

Cypress Envirosystems

<http://www.cypressenvirosystems.com>

Lead System QA Engineer

Job# 01022013QA

To Apply:

Qualified applicants only: send email to jobs@cypressenvirosystems.com, and attach a resume in PDF or Word format.

Job Description:

Seeking a highly motivated System QA Engineer to be a hands-on leader of our quality team. This position offers a unique opportunity to learn about innovative wireless sensing and control products and to have a significant impact on the overall success of these new products and the company in general. The position includes involvement from initial product conception all the way through to production ramp. We value early QA involvement in our product designs to help ensure that quality, testability, and manufacturability is built-in to our products from the beginning. Our current product lines target new types of industrial and commercial wireless sensing and control applications. We are seeking someone capable of testing complete systems, where the main areas of QA focus will be software and firmware, but will also include some mechanical, electrical, and wireless testing.

Cypress Envirosystems is a 6 year-old, securely funded, and rapidly growing company. The position reports to the VP of Engineering, and requires close collaboration with a team of engineers (software, firmware, electrical, systems, mechanical, and manufacturing).

Job Tasks May Include:

- Verify that product functionality conforms to the design specifications
- Write and execute quality plans, test plans, and test cases based on requirements
- Automate test case execution
- Create and execute regression suites
- Collect, analyze, and present appropriate quality metrics
- Use defect tracking and source code control tools
- Firmware / Software release management
- Propose and implement test strategies to ensure quality of our products
- Implement and enforce quality initiatives

Job Specific Requirements:

- Must have experience in most of the areas listed in the Job Tasks section
- Must have experience testing firmware and software
- Should have experience with system test and measurement equipment (oscilloscopes, multi-meters, data acquisition systems)
- Must be disciplined and detail oriented, with excellent verbal and written communication
- Must be proficient with Windows XP/7 and Microsoft Office suite
- Electrical and mechanical test experience is a plus
- Some programming and/or test scripting experience is a plus
- Experience with web interfaces, Java, SQL, Windows programming, or embedded programming is a plus

Minimum Education & Work Experience:

- Minimum education required is a B.S. in any Engineering Discipline (EE, CS, Mechanical, etc).
- 3-5 years of post-college job experience in a QA Engineering role working with both software and firmware
- Must have completed work on at least one product through its complete life cycle

Company Profile

Cypress Envirosystems provides solutions to retrofit existing commercial buildings and industrial facilities for energy

efficiency, auto-demand response, improved asset utilization and lower maintenance costs. Our solutions are based on our portfolio of innovative products, such as the Wireless Pneumatic Thermostat, Wireless Gauge Reader, and Wireless Steam Trap Monitor. Learn more about us at www.cypressenvirosystems.com.

Company Location

Cypress Envirosystems (Engineering Offices)
12230 World Trade Drive, Ste 200
San Diego, CA 92128

Compensation

Competitive salary, bonuses, stock options, and medical benefits offered. Compensation is based on applicable job experience, education, and job qualifications.

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