



Hardware Quality Assurance Engineer

Kiva Systems, Inc. is a rapidly growing Boston area robotics company that is revolutionizing supply chain operations. The Kiva Mobile Fulfillment System uses hundreds of mobile robots to automate distribution centers, dramatically increasing both productivity and flexibility. Our customers are national retailers, large catalog operators, e-commerce and other companies that ship direct to consumers, businesses and retail stores. Please see www.kivasystems.com for more information about us.

Kiva is seeking a talented and motivated individual to work with the product development team focusing on hardware systems quality. This will include requirements review, design review, test development, test execution, as well as process development. The ideal candidate will have substantial experience in both the design and test of complex electro-mechanical devices, and extensive knowledge of product development and quality processes. Further, this candidate should be familiar with the startup environment and the associated hours, deadlines and high-energy culture that go with launching innovative new products. This position will report to the VP of Hardware Engineering.

The Hardware Quality Assurance Engineer will be responsible for:

- Reviewing technical requirements for consistency, testability, and completeness
- Participating in design reviews, maintaining and following up on lists of action items
- Developing the hardware test and acceptance methodologies
- Developing test plans in conjunction with the design engineering team
- Setting up tests, including functional, structural, environmental, regulatory and accelerated life tests
- Performing tests, documenting results, and reviewing engineering test data
- Participating in release acceptance process to manufacturing and field deployment
- Working with the product development team to continuously improve and refine the product development process

The candidate must have the following qualifications:

- BS in engineering, preferably Electrical or Mechanical
- At least 5 yrs in product design or quality engineering, 2 yrs in quality assurance
- Experience with revision control, product lifecycle management and product development processes
- Experience in designing, implementing, and running mechanical, electrical and embedded firmware tests on computer controlled electro-mechanical devices.
- Data analysis and test results interpretation
- “Hands on” engineering experience, directly working with test setups and hardware under test
- Commitment to rigorous testing practices
- Experience with programming (Linux/C/C++/Matlab) and databases (SQL) is a plus
- Experience with regulatory approval process (FCC, CE, UL) is a plus
- Strong communication skills and cross-functional leadership
- Thrives in a fast paced rapid growth environment

Please send qualified resumes to jobs@kivasystems.com and put your name and the job title on the subject line.