



Electrical 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 electrical engineer to work on system design, implementation, and release to manufacturing. The ideal candidate will have extensive experience in embedded system design, analog and digital circuit design, motor control development, possess good communication skills, and enjoy problem solving both independently and in team settings. 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 reports directly to the VP of Hardware Engineering.

The Electrical Engineer will be responsible for:

- Working with an interdisciplinary team to execute product designs from concept to production including design, prototyping, validation, testing and certification
- Thorough understanding of technical principles, theories, and concepts in electrical engineering
- Architecting, designing and implementing complex embedded system, including firmware, analog and digital circuit design, and systems debugging
- Writing and developing functional specifications, design verification plans, and functional test procedures
- Supporting product releases to manufacturing and customer deployments

The candidate must have the following qualifications:

- BS / MS Electrical Engineering (or similar field)
- 5+ years of experience in electrical, firmware and/or system level design
- Expert in schematic entry, layout tools and design for manufacturability (familiarity with PADS a plus)
- Experience with FPGAs, VHDL, microcontrollers, microprocessors and mixed-signal designs
- Demonstrated strong ability to move seamlessly between levels of abstraction – from system to the “nuts and bolts” implementation
- Extensive embedded system design interfacing to a wide array of electro-mechanical subsystems and debugging experience including assembly and C
- Commitment to rigorous testing practices
- Excellent written and oral communication skills
- Strong organizational and planning skills
- Customer focus
- Desire to work in a fast-paced startup environment

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