



## Simulation Analyst

Want to be part of a company that is using a disruptive and game-changing technology to design the fulfillment centers of the future for leading retail, distribution, and manufacturing companies? Want to be on the leading edge of a \$20 billion market?

Kiva Systems, Inc. is a rapidly growing Boston-based robotics company that is revolutionizing supply chain operations. Our customers are large retailers, catalog operators, e-commerce and other companies that ship products to consumers, businesses and retail stores. Please see [www.kivasystems.com](http://www.kivasystems.com) for more information about us.

Kiva is seeking a talented and motivated individual to contribute to the Customer Solutions team as a Simulation Analyst. The Simulation Analyst specializes in building discrete-event simulation models of Kiva systems.

This position will report to the Manager of Simulation Modeling and will have the following responsibilities:

- **Simulation design and implementation:** Preparing input data and parameters, designing and executing simulation experiments, and model validation.
- **Simulation project planning and reporting:** Preparing plan-of-work and report documents, creating presentations including graphical display of quantitative information and video animation files.
- **Improving Kiva's reusable simulation tools:** Identifying and tracking future enhancements to the Kiva simulator and other tools.
- **Refining customer solutions:** Identifying system design and implementation improvements by understanding the complex interactions between customer specific information (product, order data and workflows) and the algorithms and hardware capabilities that determine the performance of the Kiva solution.
- **Other tasks, including:**
  - Analyzing customer data sets using off-the-shelf and Kiva-developed tools
  - Assisting with the development drive movement maps for customer facilities
  - System design validation

The ideal candidate will have the following qualifications:

- Bachelor's degree in Industrial Engineering, Operations Research, Mathematics, Statistics or a related field (master's degree or equivalent experience preferred).
- A strong record of academic and/or workplace achievement
- Excellent written and oral communication skills.
- Excellent teamwork skills.
- Desire and energy to work in a fast-paced environment.
- Other skills and experience including some or all of:
  - 2+ years of experience working with discrete-event simulation models.
  - Some background in material handling system design and/or implementation.
  - Ability to analyze large data sets using Excel, SQL, or programming techniques.

Send qualified resumes to [jobs@kivasystems.com](mailto:jobs@kivasystems.com) with your name and the job title on the subject line.