



## **Manager, Modeling Tools Development**

Want to be part of a company that is using a disruptive and game-changing technology to create the fulfillment center 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 Manager, Modeling Tools Development. The Manager, Modeling Tools Development provides technical, architectural, process, and people leadership to support the ongoing design, specification, development, and enhancement of software tools used by the Simulation Modeling, Solutions Design, and Continuing Engineering Teams. A primary tool is the Kiva discrete-event simulator, which is currently written in SLX 2.0, a C-like discrete-event simulation language with object-oriented capabilities. Other platforms are used for other tools. This position will report to the VP of Customer Experience and will be responsible for:

- Developing project plans and scheduling for all simulation development activities.
- Applying best practice software life cycle management techniques to the management of modeling tools development activity and modeling tools development personnel
- Driving the “productization” of tools developed by the Modeling Tools Development team
- Managing the day to day activities for all team members
- Drive technology selection required to meet the organizational goals
- Defining and maintaining the simulator development processes: architecture, design, code review, testing etc
- Defining and driving the simulation development environment
- Being the technical leader for Software Simulation Architecture
- Working with the VP Customer Solutions and the VP Strategic Solutions Design to develop the roadmap of tools development to support current and future solutions design needs
- Recruiting appropriate talent to build an industry leading simulation development team

The ideal candidate will have the following qualifications:

- 3 to 5 years in a software managerial role
- BS in computer engineering, computer science
- MS a plus
- Software Architecture experience
- Detailed Software Design experience
- Complete understanding of Software Life Cycle Management
- Demonstrated ability to deliver commercial software
- Experience with coding for performance in CPU-intensive applications
- Exposure to discrete-event simulation
- In-depth understanding and experience with: Java or other object oriented language(s), XML and SQL
- Desire and energy to work in a fast-paced environment

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

21 July 2010