LEAD-SENIOR SOFTWARE ENGINEER

FlashCut CNC is looking for a Senior Software Engineer to lead our software development team in Deerfield, IL. We are seeking an experienced team player with leadership skills and broad development experience who has an interest in motion control, robotics and factory automation. The engineer will develop sophisticated motion control systems used in a variety of industrial applications.

For over 20 years, FlashCut CNC has carefully built a team of motivated, intelligent people who strive for excellence and have fun doing it. Our emphasis on creativity and teamwork in a friendly work environment has helped us become a world leader in the automation field. Everyone at FlashCut is encouraged to turn ideas and inspiration into reality.

Responsibilities include:

* Develop motion-control software for industrial applications
* Develop multithreaded, math-oriented software
* Create robust object-oriented designs that lead to simple, reliable and maintainable solutions
* Contribute to ongoing refinement of our software engineering process
* Interface with management to prioritize software engineering tasks and projects for the team.
* Create and maintain a balanced schedule for the software team.
* Work with customers to understand their requirements, and respond with accurate and robust solutions
* Stay abreast of the industrial automation industry

The Candidate must have:

* A BS or MS in a technical field, ideally Computer Science, Engineering, Mathematics or Physics
* 8+ years of software development experience
* 4+ years of C++ experience
* Experience developing multithreaded applications
* Experience developing complex algorithms
* Experience developing for Windows or Linux
* Excellent object-oriented design and system architecture skills
* A solid background in mathematics (algebra, geometry, trigonometry, calculus)
* A passion for developing robust, high quality software
* Excellent interpersonal skills for effective leadership and collaboration
* Excellent verbal and written communication skills

Beneficial qualifications include:

* Experience with communications protocols (Ethernet, USB, RS232, RS485, ModBus, CAN)
* Experience in embedded development
* Machine shop, CAD/CAM, CNC or automation experience

We offer an excellent compensation and benefits package.

Highly qualified candidates please send your resume to HR@flashcutcnc.com.