

Production Software Engineer

*Kionix, Inc., a global leader in the design and fabrication of high-performance sensors, has an immediate opening for a **Production Software Engineer**. Qualified individuals interested in joining a team dedicated to bringing the latest sensor technology to the global marketplace are encouraged to apply. We offer a stimulating and challenging entrepreneurial environment with the opportunity to play a key role in the growth of our Company. This position is not eligible for visa sponsorship. Must have unrestricted authorization to work in the U.S.*

Education/Training

- BS in Computer Science or Computer Engineering

Key Requirements

- Prior experience with C/C++ programming and analog and digital hardware
- An aptitude for learning, developing, and maintaining mission-critical software
- Ability to develop structured programs which support accurate measurements and efficient operations in a manufacturing environment
- Knowledge of scripting in Perl or other similar languages
- Experience with Web programming languages, LabWindows, LabVIEW, MATLAB, MySQL or other relational databases preferred
- Experience with National Instruments hardware desired
- Experience in manufacturing, automation, hardware integration, interface design, data mining, and data reporting preferred

Key Responsibilities

- Provide software engineering support to manufacturing operations
- Interface with production departments to define software specifications to improve production performance and efficiency
- Perform a variety of tasks associated with programming and testing MEMS motion-sensing devices
- Assist in the development of engineering and production tests of new products
- Assist in implementing, maintaining, and improving production test software to maximize productivity
- Use a hands-on approach toward solving test and operational challenges in a production environment
- Work with outside vendors to enhance existing capabilities, add new functionality, and develop methods and algorithms for testing innovative new designs
- Maintain test facilities to ISO 9001:2000 standards

***Kionix, Inc. is proud to be an Equal Opportunity
and an Affirmative Action Employer***