

NORTH STAR IMAGING, INC.



An *ITW* Company

## SOFTWARE DEVELOPMENT ENGINEER

North Star Imaging is an independently operated subsidiary company of the \$10+ billion publicly traded, Illinois Tool Works (ITW) – one of Fortune Magazine's "Most Admired Companies".

ITW North Star is a leader in the high tech market of *Industrial* X-Ray and CT Manufacturing. Located in the NW suburbs of Minneapolis, our growing company is seeking to add a talented software developer to join our product development team.

As a key member of our development team you will develop cutting edge software for state of the art industrial x-ray, computed tomography and radiography systems. This involves developing for custom system upgrades, new features, new products, and maintenance.

### Accountabilities:

- Develop and support image acquisition and analysis software for use in computed tomography acquisition and digital radiography.
- Develop and support machine automation software including machine vision (ADR, pattern matching) and robotic interfaces.
- Support ongoing development and maintenance of x-ray imaging system software.

### Requirements:

- Bachelor's degree in computer science, engineering, or a related field of study
- A demonstrated capability with approximately 1-5 years' experience in software development & programming
- Strong C++ and C# programming skills

Successful candidate will be highly motivated, have a desire to learn, good communication skills and work well in a small group environment. In addition, working knowledge in any of the following areas is a plus:

- Image acquisition/processing
- Computer graphics related to 3D visualization and interaction (Open GL)
- X-Ray technologies

NSI is an Equal Opportunity employer, offering a competitive salary and a rich benefits package which includes medical dental, life and disability insurance, education assistance, PTO, holidays, 401(k), as well as opportunities for professional development. **To apply**, please submit resume and cover letter to [greatjobs@4nsi.com](mailto:greatjobs@4nsi.com)

### **Visit our websites for more information:**

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**Top apply please submit resume and cover letter to [greatjobs@4nsi.com](mailto:greatjobs@4nsi.com) or fax to Attn: HR at 763.210.6850**

**No phone calls please**