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## Software Engineer Job

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Date: Jun 2, 2016

Location: Wauwatosa, Waukesha, WI, United States

Job Number: 2627174

Business: GE Healthcare

Business Segment: Healthcare Imaging

About Us: GE is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. Through our people, leadership development, services, technology and scale, GE delivers better outcomes for global customers by speaking the language of industry.

[GE Healthcare](#) provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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Posted Position Title: Software Engineer

Career Level: Experienced

Function: Engineering/Technology

Function Segment: Applications and Software

Location: United States

U.S. State, China or Canada Provinces: Wisconsin

City: Wauwatosa, Waukesha

Postal Code: 53226-4856

Relocation Assistance: No

Role Summary/Purpose: The Interventional Recording (ICAR) business is seeking a Software Engineer. The Software Engineer has design responsibility to develop customer workflow, feature functionality, product quality, reliability, serviceability, manufacturability, regulatory, compliance, and cost.

Essential Responsibilities: In this role activities include requirements development, traceability and flow down, architecture / system design and analysis, software implementation, FMEA, developing/executing System Verification procedures, and providing support to manufacturing and field issues. The Interventional Recording business delivers solutions for Hemodynamic and Electrophysiology recording systems, including departmental, and enterprise wide solutions allowing customers to easily and securely access patient data within their respective domains. We continue to evolve our solutions using contemporary industry technologies in hardware and software, with an emphasis on reliability and security.

### As a Software Engineer in ICAR, you will be:

- Providing domain expertise to serve as the main integrator between the hardware and software functions to deliver the best high quality products
- Working across functions and team boundaries to define, design, and implement the next generation of products
- Working with customers, Marketing and field personnel to refine requirements
- Developing methods to quantify subsystem interactions and their effects on signal quality and customer workflow
- Delivering and incorporating feedback results into new hardware, software and service specifications

### Quality Specific Goals:

- Aware of and comply with the GEHC Quality Manual, Quality Management System, Quality Management Policy, Quality Goals, and applicable laws and regulations as they apply to this job type/position.
- Complete all planned Quality & Compliance training within the defined deadlines.
- Identify and report any quality or compliance concerns and take immediate corrective action as required.
- Ensure compliance/closure of Regulatory and Quality requirements before approving Design Outputs/Program Deliverables.
- Lead continuous improvement activities by driving the implementation of process and product quality improvement initiatives.

### Qualifications/Requirements:

#### Basic Qualifications:

- Bachelor's Degree in Computer Science, Electrical Engineering or related computer field or Bachelor's Degree and 4 years of technical experience in the software development or equivalent (defined as High School Diploma/GED and 8 years progressive experience as an engineer or scientist within the appropriate field of study).
- 4 years experience developing software for complex systems or computerized products.
- Software development cycle and automated testing experience.
- Experience in object oriented design methodology and various programming languages, including C/C++ and scripting languages.

- Working knowledge in configuration management tools.

**U.S. (Country) Specific Qualifications:**

- Must be legally authorized to work in the United States full-time.
- Must be willing to work in our [city, state] facility full-time .
- Must submit application for employment through gecareers.com (or COS if internal) to be considered.
- Must be 18 years of age or older.
- Must be willing to take a drug test as part of the selection process.
- Must be willing to submit to a background investigation, including for example, verification of your past employment, criminal history, and educational background.

**Additional Eligibility Qualifications:** GE will only employ those who are legally authorized to work in the United States for this opening. Any offer of employment is conditioned upon the successful completion of a background investigation and drug screen.

**Desired Characteristics:**

**Basic Qualifications:**

- Master's Degree in Computer Science or related STEM (Science, Technology, Engineering, Math) field.
- Experience in object oriented design methodology
- Experience in Microsoft Windows programming using C++, MFC, C#, WcF, WpF, XML, and OLE DB
- Knowledge of Multi-threaded programming
- Experience using Microsoft Visual Studio
- Experience with DOORs requirements management system
- Experience with Microsoft Windows technologies and Windows architecture
- Experience developing, testing and delivering safety-critical medical device software.
- Ability to work independently and drive initiatives towards successful outcomes.

**Nearest Major Market:** Waukesha

**Nearest Secondary Market:** Milwaukee

**Job Segments:** Developer, Medical, Manufacturing Engineer, Engineer, Electrical, Technology, Healthcare, Engineering

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