

Madison Research Technologies, LLC

Bringing Innovation to HealthCare

Title: **Embedded Software Engineer**

Skills: **C/C++, .Net Compact, Visual Studio, Embedded Development, Windows CE**

Location: **Madison, WI**

Type: **Full Time Permanent**

Description:

Madison Research Technologies is looking for experienced and innovative employees to work collaboratively on high profile projects. By being a part of a new, exciting growth company you can influence and participate in the design of products that really make a difference in people's lives. We are located in beautiful Madison, WI, which is often recognized as one of the best places to live and raise a family, and where many outdoor activities are available year-round. And, of course, we are home of the University of Wisconsin-Madison, a remarkable resource for learning and leisure activities.

Software developers at Madison Research technologies, LLC are expected to lead and participate in the complete software design and realization of healthcare centric integrated software applications. We are seeking an individual with strong practical experience using C/C++ in embedded systems.

Job Responsibilities include:

Work on a large variety of tasks, including hardware drivers and interfacing, data communications, real-time data collection and processing, and data storage. Design, development, documentation, implementation, modification, testing, revision and configuration control.

Target platforms include Windows Embedded Compact 7 (WinCE), Windows XP/Vista

Skills and Experience:

All applicants for this position must possess:

- A minimum of 3 years recent experience programming applications using Visual C/C++ and Microsoft Foundation Classes
- Experience with embedded systems, and device drivers
- Experience with real-time and multithreaded programming techniques
- Creative problem solving skills, and the ability to construct and convey abstract relationships and models
- Excellent verbal and written communications skills

Educational Requirements and Additional Experience:

- Minimum bachelor degree in Computer Science, Electrical Engineering, or an equivalent field, Masters Degree is preferred.
- Embedded real-time OS software development skills
- Experience using Windows CE Platform Builder would differentiate the candidate.

Functional Goals and Objectives:

The Senior Software Developer will help conceptualize and implement the overall design of system and application software, and design, write, and test code for related software programs, using best practices and methodology. The Senior Software Developer is expected to maintain a positive attitude and contribute toward meeting schedules, meeting requirements, and producing work product of very high quality. Additional miscellaneous duties will be assigned as may be appropriate on an individual basis.

Principles only. Please submit resumes to info@madisonrt.com only. No phone calls.

Visit Madison Research Technologies, LLC at www.madisonrt.com

Madison Research Technologies

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