

We are seeking a motivated and innovative engineer to develop software for our real-time, multitasking, embedded control systems.

Job Responsibilities:

- Research and analyze software requirements to determine feasibility of design or application.
- Participate in the Full Life Cycle of Software Development (requirements, design, implementation, coding, testing, documentation, and maintenance) of control systems software for the company's products and R&D projects.
- Design and develop computer control system software in conjunction with hardware product development. Work with hardware engineers and other engineering staff to evaluate interfaces between hardware and software, and operational and performance requirements of overall system.
- Develop methods and procedures for fabrication and test of computer control systems and software systems. Direct and coordinate personnel in the fabrication and installation activities to ensure conformance to the software engineering design and customer requirements.
- Assist in the maintenance of existing software systems in the field.

Job Requirements:

Education:

- BA/BS or higher in Computer Science / Engineering.

Experience:

- 5+ years experience designing and developing software for real-time, multitasking, embedded control systems.
- 5+ years experience developing Graphical User Interfaces (GUI) for MS Windows applications.
- 5+ years experience programming in C and C++.
- 2+ years experience in Visual Studio .NET environment using C#.
- Mechanical and/or electrical engineering or controls theory experience a plus.

Specific Skills:

- Strong structured programming and problem solving skills.
- Strong organizational and documentation skills
- Self starter that excels in a fast paced, multi-discipline environment.
- Effective verbal and written communication skills.