Software Engineer

Fostek Corporation is looking to hire a Software Engineer in our Bedford, VA manufacturing plant. Fostek is an engineered foam manufacturer who has a dedication to continuous improvement and we are looking for an individual who can help take manufacturing data collection and automation to the next level. Specifically, we desire a high-performing individual who has the capability to excel in a dynamic, fast-paced environment. This individual will help to optimize Fostek’s production processes by continuing development on homegrown software applications. Development will center on two different aspects:

- PC Applications that will decrease factory operator workload, minimize operator/clerical errors, and automate mundane/error prone activities.
- Database development that will collect/process production data and then generate reports to analyze this data to give management better visibility into the manufacturing.

To accomplish these tasks the successful candidate will have the following responsibilities and must meet the qualifications shown below:

Responsibilities:

- Self-motivated and success driven work ethic, able to work independently
- Be able to work in a multi-disciplinary team (Mechanical/Electrical/Software) to:
  - Define system requirements
  - Architect solutions
  - Implement design
  - Provide post-installation support
- Willing to step outside of trained discipline
- Willing to span broad aspects of Software Development
  - Develop low-level physical interfaces to hardware
  - Design human/machine interfaces (GUIs)
  - Design complex database infrastructure
  - Design custom production reporting solutions
  - Testing and support of deployed solutions
- Ability to determine unique/creative solutions within a rapid development environment (Fail-Fast / Fix-Fast)
- Strong troubleshooting and problem solving skills

Basic Qualifications:

- Desire to continuously learn new technologies
- Strong working knowledge of C/C++/C# development on a Windows PC platform (Visual Studio 2012)
- Strong working knowledge of SQL development and schema design, experience with MySQL is a plus.
- Bachelor’s degree in software engineering, computer science, informations systems, or equivalent work experience
- Strong written and verbal communication skills

Preferred Qualifications:

- Experience in various programming languages and frameworks - Python, PHP, HTML, CSS, SQL, Java, JavaScript, C#, VBA Macros
- Experience with multi-tiered enterprise-level software application design & development
- Enterprise-level database experience
- 5+ years of experience
- Hands-on experience with serial interfaces (RS-232/485)
- Ability to mentor and develop junior engineers

All qualified applicants interested in joining the Fostek team should submit a resume and cover letter to Scott Stanley (sstanley@fostek.com). Fostek is an equal opportunity employer who offers a competitive salary and benefits package.