Job Description – Software Engineer

Researches, designs, and develops computer software systems in conjunction with hardware product development.

Principal Accountabilities:
1. Design and code software subsystem for automated equipment (Robotic arms, etc.).
2. Learn and integrate new hardware, software protocols, and engineering tools.
3. Provide innovation to solve complex system issues.
4. Work with GIT and JIRA to collaborate with team members on project tasks.
5. Effectively works with internal and external customers to troubleshoot problems.
6. Collaborates with Electrical, Mechanical Engineering and Q&R on product performance requirements, design, test and development activities.

Preferred Experience:

- Experience with Microsoft technology (C++, C#).
- Experience with Databases (MS Access, SQL Server, PostgreSQL).
- Experience with web services.
- Experience with GIT and Jira.

Minimum Requirements:

- BS Computer Science, BSEE and five years of related experience or equivalent combination of software development experience and relevant education (ex. AAS and 5 years).
- Good verbal and written communication skills.
- Three plus years of experience with C++ or C#.
- Highly flexible, quality driven, goal oriented and able to participate in a team environment.
- Must be able to communicate clearly with fellow workers in English.
- The ability to travel to UIC home site (Conklin, NY USA) and customer sites will be required.