

Company:	Crossing Automation Inc.
Job Title:	Software Engineer
Reports To:	Director, Software Engineering
Location:	Fremont, CA

Key Competencies:

Skills Required:

- Good oral and written communication.
- Results oriented.
- Problem analysis/data reporting skills.
- Good organizational skills.
- Ability to lead and work as a member of multi-disciplinary teams.
- Self-driven and willing to work extra hours.

Education/ Qualifications:

- BSCS or BSEE or equivalent; MS a plus.
- Proficient in Object Oriented Design and Object Oriented Programming namely C# also proficient in C++, C and Assembly
- Experience of at least 5 years developing Windows applications.
- Proficiency with .Net preferred
- Experience of at least 2-3 years in RTOS: WinCE or VxWorks, DSP/BIOS a plus
- Experience in writing control software for servo motors and stepper motors a plus
- Experience and good understanding of communication protocols like SECS, HSMS, TCP/IP and CAN.
- Knowledge of SEMI SW Standards (E84, E88, E94, E90, E87 and E40) a plus.
- Understanding of web server technologies and HTML a plus.
- Familiar with source code archive software like SVN and PVCS.
- Familiar with software bug tracking system like Jira.
- Experience of 7-8 years in S/W industry, preferably in Semiconductor industry.
- TI DSP knowledge a plus.

Key Job Events/ Responsibilities:

- Responsible for analysis, design, implementation, debugging and documentation S/W development changes for system/robotic control and automation applications
- Follow product development and software problem processes and become an owner/expert in product area.
- Assist in troubleshooting product support issues
- Develop high quality software through proficiency in requirements gathering, design, implementation and testing.
- Other job related duties as assigned by manager.