



## **JOB DESCRIPTION**

**Title:** Software Development Engineer

### **General Description:**

MAL Manufacturing Automation Laboratories Inc. develops virtual machining and optimization solutions which are used worldwide. Our mission is to develop advanced science-based and industry-friendly machining simulation and optimization software, serving the long-term needs of aerospace and other advanced manufacturing industries. We are looking for software engineers who can effectively work in a development environment with a focus on machining solutions.

### **Position Duties & Responsibilities:**

- Execute full software development life cycle (SDLC) and integrate software components into a fully functional software system
- Develop flowcharts, layouts and documentation to identify requirements and solutions
- Produce specifications and determine operational feasibility
- Write well-designed, testable code
- Perform system integration and testing, problem troubleshooting and resolution
- Deploy programs and evaluate user feedback
- Comply with project plans and industry standards
- Ensure software is updated with latest features
- Document and maintain software functionality

### **Qualifications and Core Competencies:**

- Bachelor's Degree in Computer Science, Software Engineering, Mechanical Engineering or a related field;
- Minimum 2 years software development experience in a team;
- Fluency with programming languages C# and C/C++;
- Must have development experience on WPF and MVVM;
- Experience with CAD/CAM, OpenGL development is preferred;

**Work Status:** Full time (40 hrs per week).

To apply, please send your cover letter and resume to: [sde\\_jobs@malinc.com](mailto:sde_jobs@malinc.com)