



LasX Industries, Inc.
4817 White Bear Parkway
White Bear Lake, MN 55110

651-407-0011 phone www.lasx.com
651-407-0110 fax

Co-op Software Engineer Position Description

Job Title: Co-op Software Engineer
Department: Research & Development
Reports To: R&D Manager

Position Summary:

Highly motivated and energetic person to develop multi-language user interface software applications. The Co-op Software Engineer supports software design activities relating to high-performance industrial laser equipment. He or she will work under the direction of the R&D Manager.

Major Duties and Responsibilities:

- ❖ Software development for multi-language user interface used to operate high-performance laser materials processing equipment.
- ❖ Supports released software through software maintenance program.
- ❖ Other duties as requested by LasX Management.

Desired Qualifications:

- ❖ Enrolled in 3rd year of Bachelor/Master of Science in Computer/Software Engineering or equivalent.
- ❖ Experience with Windows XP® and Windows 7 operating system.
- ❖ Knowledge of C++ software development programs.
 - ❖ Experience with object oriented programming/class hierarchies/abstraction
 - ❖ Familiarity with GUI tools (WPF, MFC, Builder, Visual Basic)
 - ❖ Familiarity with basic Standard Template Library (or ability to learn)
 - ❖ Ability to handle complex program flow/user interaction decisions
- ❖ Knowledge of software development for web enabled applications.
- ❖ Practical knowledge of embedded DSP-based controllers used for motion control and machine vision.
- ❖ Knowledge of foreign languages such as Japanese a plus.
- ❖ Excellent verbal and technical writing skills.
- ❖ Ability to represent LasX in a professional manner to customers and suppliers.

Physical Requirements:

- ❖ Extensive time working at a computer workstation.
- ❖ Standing and walking on a concrete floor.
- ❖ Working in a manufacturing environment.