



Job Title: Software Engineer

Location: Rochester, NY

Company Overview:

Lumetrics develops and manufactures precision non-contact thickness measurement and optical inspection systems for medical, glass, food packaging, ophthalmic, automotive, and film industries. Our precision thickness measurement technology is fast, accurate, flexible, and scalable to most QA laboratories, R&D centers, or production lines.

Job Summary:

To meet the demands of the business, Lumetrics is seeking a qualified individual to join the Computer Engineering Department (CED).

Essential job functions are listed below and are subject to change depending on the company's needs:

Software Development:

- Develop software for instrumentation and process control, data processing and advanced computing
- Create, test, verify, and document software designs
- Aid in writing user requirements, design specifications, and other project documentation
- Adhere to, and suggest improvement to, current software development procedures and practices

Customer Service:

- Troubleshoot, diagnose, and resolve customer software issues
- Establish rapport with customers and help them create requirements for new projects
- Occasionally work "international" hours to provide world-wide customer support, remote and on-site

General Duties:

- Work with Engineering and Production to coordinate test schedules for new software
- Support the Sales, Engineering, Production, R&D, and Finance departments, as required

Qualifications:

- BS or higher in Computer Engineering, Computer Science, or Software Engineering
- Expert knowledge of C/C++
- Expert knowledge of common Microsoft .NET languages (VB.NET, C#)
- Proficient in VHDL or Verilog as well as FPGA design constraints
- Excellent written and verbal communication skills
- 3-5 years of relevant Object-Oriented development experience
- Experience with embedded, vision, or robotic control a plus

The above description and statements are intended to describe the general nature and level of work being performed in this position. All personnel are expected to perform duties that may lie outside of their primary responsibilities, as needed.