

EMPLOYMENT REQUISITION

Job Title: Real-Time Application Software Engineer

Department: Machine Vision Systems

JOB DESCRIPTION:

Objective: Design and develop application software for a machine vision system running in a real-time production line environment.

Responsibilities:

- » Analyze requirements for application software to support machine vision systems and recommend technical solutions
- » Develop system specifications in accordance with customer requirements
- » Design and develop custom user-interface application software for real-time production environments
- » Install, test and support machine vision systems at customer sites as needed
- » Maintain high level of expertise in real-time application software technologies
- » Use technical knowledge of software capabilities to support sales staff with technical demonstrations of machine vision systems
- » Support preparation of proposals for turnkey machine vision systems
- » Develop training materials and conduct customer training as needed
- » Respond to technical issues with products and systems, identify and implement solutions
- » Communicate customer feedback into future product developments

QUALIFICATIONS AND REQUIREMENTS OF CANDIDATES TO FILL POSITION:

- » Bachelors degree in engineering or computer science.
- » Minimum 5 years of experience in real-time application software development.
- » Experience with Microsoft Windows, C/C++/C#/VB, Visual Studio .Net, C++ Builder, real-time embedded systems experience desired.
- » Experience with production line equipment and software desired.
- » Excellent written and oral communication skills required.
- » Some domestic and international travel required.