

EMPLOYMENT REQUISITION

Job Title: Machine Vision Engineer

Department: Machine Vision Systems

JOB DESCRIPTION:

Objective: Design and develop machine vision systems, both hardware and software, for specific customer applications and provide excellent customer support for those systems.

Responsibilities:

- » Evaluate potential applications of machine vision systems and recommend technical solutions
- » Develop system specifications in accordance with customer requirements
- » Design and develop machine vision hardware solutions including illumination, optics, acquisition and processing hardware
- » Design and develop custom machine vision software, including image processing algorithms and 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 machine vision systems, components, and technologies
- » Use technical knowledge of machine vision 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 machine vision. Previous experience in Cognex VisionPro software a plus.
- » Experience with Microsoft Windows, C/C++/C#/VB, Visual Studio .Net, C++ Builder, real-time embedded systems experience desired.
- » Experience with lenses, optics, illumination, sensors, PLCs and other production line equipment desired.
- » Requires excellent written and oral communication skills.
- » Some domestic and international travel required.