

## **MACHINE VISION IMAGE PROCESSING ENGINEER**

**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 Perceptics' machine vision systems and recommend technical solutions
- Develop system specifications in accordance with customer requirements
- Design and develop image processing systems, both hardware and software, for delivery to customers
- Develop testing plans to verify system compliance with customer requirements
- Create excellent documentation for delivery to customers
- Install and support machine vision systems at customer sites as needed
- Provide excellent customer support for Perceptics' installed systems
- Maintain high level of expertise in machine vision systems, components, and technologies
- Support technical demonstrations of machine vision systems and use technical knowledge of machine vision capabilities to support sales staff
- Support preparation of proposals for turnkey image processing 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**

- Bachelors degree in engineering or computer science.
- Minimum 3 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, Borland 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.