

SENIOR IMAGE PROCESSING ENGINEER

Objective:

Develop new technologies and products, provide engineering support to other areas of the company and effectively support Perceptics' legacy products and systems.

Responsibilities:

- Design and implement image processing and/or signal processing algorithms using a cross-platform development environment.
- Develop real-time, embedded applications in a multi-tasking, interrupt-driven operating system environment.
- Assist with the production of prototype systems and proofs of concept to ensure proposed solutions meet established requirements.
- Plan, design, implement, prototype and test software applications and systems for internal R&D projects.
- Assist with first production unit test, and transition of engineering designs into manufacturing.
- Provide engineering support to manufacturing throughout the entire product/project lifecycle.
- Provide engineering support to product group to make sure customer requirements are met.
- Design and develop multi-platform applications and systems for approved IR&D projects according to schedule and budget.
- Support Perceptics' sales team from the proposal and approval stage through proof of concept and demonstration.

Qualifications and Requirements:

- Masters Degree in Engineering or Physics.
- Minimum of 4 years of commercial experience in C/C++ programming.
- Experience designing, implementing, and testing image processing and/or digital signal processing systems.