



GE Fanuc
Intelligent Platforms
Applied Image Processing

Software Engineer

ROLE

Software Engineer

CAREER BAND

Lead Professional

LOCATION

Billerica, MA, USA

GENERAL

GE Fanuc Intelligent Platforms (formerly Octec), a unit of General Electric Company (NYSE: GE), are world leaders in the design and manufacture of rugged, real-time video tracking and image processing sub-systems.

You will be required to design and develop embedded and PC based real-time software for video tracking and image processing systems and board level products. Developments will range from the implementation of customer specific graphical and communication interfaces to ground up design of new image processing algorithms and applications. The role requires customer contact and will include occasional on-site support of GE Fanuc's international customers.

GE Fanuc offers an excellent compensation/benefits package, a flexible and friendly work environment and the opportunity to provide high tech solutions to prestigious defense and aerospace customers. For more information on GE Fanuc please visit www.gefanucembedded.com/milaero/video

ESSENTIAL FUNCTIONS (RESPONSIBILITIES)

- Design, development and testing of embedded and / or PC software for image processing applications.
- Preparation of product specifications
- Provide technical support and integration assistance to international customers
- Updating job knowledge by studying state-of-the-art development tools, programming techniques, and computing equipment; participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.

QUALIFICATIONS/REQUIREMENTS

- Degree in a relevant discipline such as software, electronics, mathematics or physics
- Knowledge of image or signal processing, computer vision and/or electro optics systems
- 10+ years relevant work experience in one or more of the following areas:
 - C/C++ application development in a real time, embedded environment
 - Strong knowledge in object oriented design methodologies
 - RTOS environments such as VxWorks
- Working knowledge of OpenGL, hands on experience a plus
- Working knowledge of microprocessor and FPGA hardware is an advantage
- Experience of working directly with customers is an advantage
- Good written and verbal communications, as well as good documentation skills required.
- Enthusiastic team player but able to work on own initiative

To apply please forward your resume or contact Jason Beauvais

Address: GE Fanuc Intelligent Platforms,
296 Concord Road Suite 120, Billerica, MA 01821, USA

Email: Jason.Beauvais@gefanuc.com

Tel: 978-439-9006 x117