

Job Title: Senior Software Engineer – Pattern Recondition Development

Date: 6/10/2010

Description: Architect, design and develop new pattern matching/recondition software applications used on/by existing and future products, scientists and application engineers. Use existing software applications to add material pattern matching detectors to the database library. Design and develop mathematical analysis routines and algorithms to improve the Material Recognition System Engine (MRSE). Write internal documents including material database logs and technical documentation.

Duties & Responsibilities:

- Develop and Maintain material database library
- Enhance, Modify, Improve, and Support existing software applications
- Design and Develop new pattern matching algorithms

Qualifications:

- At least 5 years experience developing software using C++ in a windows environment
- At least 2 years of product development experience.
- Must have experience developing SQL databases
- Must have experience developing desktop applications and DLLs
- Must have experience implementing Mathematical and Data Processing Algorithms in software.
- Must have experience designing or developing classification and / or detection algorithms in software.
- Must have superior organizational skills and the ability to multi-task.
- Must have a proven track record in bringing products to market.
- Must be willing to relocate to Florida.
- Must be able to work in a fast paced dynamic work environment.
- Must be a self starter, flexible and work with minimal supervision
- Strong background in Mathematical and Statistical concepts.
- Strong understanding of pattern matching and machine learning algorithms

Education:

- BS/MA in CS, CE, EE, or equivalent work experience.