



POSITIONS AVAILABLE

15921 NE 8th street Suite 200
Bellevue, WA 98008
Phone: (425) 653-5589 Fax: (425) 746-0859
<http://www.drvisiontechnologies.com>

Please send resumes to:
Donglok Kim
dlkim@drvisiontechnologies.com

Job Title: Algorithm Engineer 1

Post Date: February 14, 2011

Summary: DRVision LLC seeks a member to join a high-performance team developing next generation image recognition software. This is a regular staff position for permanent employment after probation.

DRVision provides products and services in microscopy image analysis and industrial inspection/measurement applications. DRVision's image based decision and machine learning technologies form the basis for its microscopy image analysis software product, SVCCell™, which can be used for broad microscopy applications in basic research, drug discovery and disease diagnosis. Launched in October 2006, SVCCell changes the way image recognition is done – its teachable interfaces and learning technologies enable users to develop and execute analyses of unsurpassed quality, without requiring a specialist with image processing or pattern recognition expertise. Simple to learn and operate, SVCCell provides everything needed to accurately and reliably detect, track, measure, discover, classify, monitor and score cellular and subcellular phenotypes and events in microscopy movies. SVCCell's development is partially funded by the National Institutes of Health (NIH) under multiple Small Business Innovative Research (SBIR) programs.

RESPONSIBILITIES

You will be a key part of the algorithm development team developing and testing image-processing, pattern analysis and machine learning algorithms.

- Formulate, develop & implement
 - 2D/3D image processing functions
 - 2D/3D pattern analysis functions
 - 2D/3D pattern tracking and kinetic analysis functions
- Speed up & improve existing DRVision core technology algorithms
- Support US patent application and prosecutions

MINIMUM LEVEL OF EDUCATION

- Master of Science
- Field of study: Computer science, computer engineering, electrical engineering, biomedical engineering, applied mathematics

REQUIRED QUALIFICATIONS/SKILLS

- Strong command in 2D & 3D image processing and signal processing
- Working knowledge of C# and/or C++

PREFERRED QUALIFICATIONS/SKILLS

- Image processing
- Pattern recognition
- Machine learning
- Object tracking and kinetic analysis
- 3D volume rendering, visualization, and graphics
- Good written and verbal communication skills
- Ability to work well in team environment
- Scripting experience
- Ability to quickly learn new software features, tools
- Flexible work schedule