



Permanent Vacancies – June 2008

Job Title: Scientific R&D Engineer

Salary: Depends on Experience

Department: Research and Development

Reports to: Head of Research and Development

Location: Hammersmith, London, UK

About Medicsight PLC

Medicsight are pioneers in the development of enterprise-wide computer-aided detection (CAD) and other image processing software used by the medical imaging community to aid in earlier detection of disease. Medicsight's unique software solutions have been validated using some of the world's largest and most population-diverse verified CT scan databases to help clinicians identify, measure and analyse suspicious pathology of the lung and colon.

The Company's CAD products include ColonCAD, the first CAD technology available for CT colonography, and LungCAD. Medicsight continues to develop CAD software and advanced image processing algorithms for a variety of conditions that can help in the early detection of disease and ultimately improve patient outcomes.

Purpose of the Position

We are looking for an experienced scientific engineer who can join our team in research and development of world class medical imaging applications.

The Scientific R&D Engineer is responsible for

- Performing scientific research into image processing, pattern recognition, and artificial intelligence algorithms for applications in medical imaging
- Extending, enhancing, and testing existing algorithms and developing new ones as libraries for integration and distribution
- Following software engineering principles for code design, review and defect fixes and relevant procedures for research software development
- Writing and presenting scientific papers for international journals and conferences
- Maintaining a working knowledge of the state-of-the-art in relevant research areas

Qualifications and Expertise

Successful candidates will be able to demonstrate all or many of these key qualities:

- A proven research background in image processing, pattern recognition, and/or artificial intelligence
- Doctorate in Mathematics, Computer Science or other numerate discipline
- Advanced research experience in machine learning and classification preferred
- Knowledge of Matlab, C++, and object-oriented programming
- Understanding of Medical Physics including CT, MRI, and Ultrasound, is useful
- Ability to deal with steep learning curves and work to tight timeframes
- Strong team working and communication skills
- Particular preference will be given to candidates with experience in medical imaging applications, especially Computer Aided Detection (CAD) and Computer Aided Diagnosis (CADx) tools

Applications/enquiries with detailed CV for the attention of:

Dr. Greg Slabaugh – Head of Research and Development

E-mail: careers@medicsight.com

Web: www.medicsight.com

Please note that due to the large number of email applicants it is not possible for Medicsight to respond to every individual. A representative from the company will contact you if you have successfully passed to the interview stage.
