Postdoctoral Research Fellowship at GE Healthcare (London, ON, Canada)

Applications are invited for a postdoctoral research fellowship at GE Healthcare, London, ON, Canada, in the area of medical image analysis with focus on object detection and/or 3D segmentation algorithms. The successful candidate should be eligible to apply to the Canada NSERC Industrial Research and Development Fellowship (IRDF), will be part of a growing, diverse team of highly motivated image-analysis scientists and radiologists and is expected to have:

- A Ph.D. in computer science, applied mathematics, or electrical/biomedical engineering, preferably with emphasis on one of the following areas: machine learning, computer vision, medical image analysis, and optimization techniques;
- A track record of publications in the top journals and/or conferences in computer vision, medical image analysis and/or machine learning; and
- Solid programming skills in languages such as C, C++ and/or MATLAB. A GPU programming experience is a plus.

The core responsibilities of the position include:

- Conducting research in the methodological foundation and/or application-specific aspects of medical image analysis;
- Generating publications in the top venues in medical image analysis (TMI, MedIA, MICCAI, IPMI) and/or computer vision (TPAMI, IJCV, CVPR, ICCV);
- Interacting regularly with several radiologists for defining algorithm requirements; and
- Interacting with several industrial-development teams to transition state-of-the-art knowledge into real-world products.

For consideration, please send a resume and three representative publications to Ismail Ben Ayed: ismail.benayed@ge.com