

The Bioinformatics Institute (BII) is an institute of the Agency for Science, Technology and Research (A*STAR). BII was set up in July 2001 as part of the national initiative to foster and advance biomedical research and human capital for a vibrant knowledge-based Singapore. With a multi-disciplinary focus and collaborative outlook, BII recognises the need for depth and breadth in all its activities for building a thriving world-class biomedical research, graduate training and development hub in Singapore. In addition, BII is proactively involved in building a national resource centre in bioinformatics to meet the evolving needs of the scientific community in Singapore.

For more information on A*STAR and BII, please visit: www.a-star.edu.sg and www.bii.a-star.edu.sg respectively.

Post Doctoral Research Fellow for Machine Learning in Healthcare

A Post Doctoral Research Fellow position is available in the Computer Vision and Pattern Discovery Group of the Bioinformatics Institute, Singapore. We are a multi-disciplinary research group working on the analysis of bio-images, in particular but not restricted to, images of patient biopsy samples acquired using high power microscopes. Our vision work includes object recognition, segmentation and machine learning.

Responsibilities

- Develop machine learning methodologies to perform computer assisted diagnostics for healthcare.
- Contribute to better diagnosis and prognosis of diseases based on image analysis.

Requirements

- Ph.D and a strong background in computer vision and machine learning.
- Experience and versatile in programming.
- Familiar with applied mathematics which includes but not limited to knowledge in optimization, statistics, deep learning and machine learning formalism.
- Clinical background is not required but candidate should be interested in learning basic domain knowledge
- Good communication skills and a team player.

We welcome interested applicants to email a full CV and a one-page letter of intent summarizing past experience and strengths as well as contact details of two referees to leehk@bii.a-star.edu.sg. For more information, please visit: <http://web.bii.a-star.edu.sg/~leehk/index.html>