

Research Fellow/Senior Research Fellow in Medical Image Analysis and Deep Learning

Computer Science

London

Salary: The appointment will be on UCL Grade 7. The salary range will be Grade 7 £36,028 - £43,533 per annum or Grade 8 £44,737 - £46,003 per annum, inclusive of London Allowance.

Fixed Term - Duration of the post is offered for 12 months

Full-Time

Reference: 1872849

This post is a shared appointment between UCL's Centre for Medical Image Computing (CMIC, within UCL-CS and UCL-MPBE departments) and the Neuroradiology department (at the UCL Queen Square Institute of Neurology). The main responsibilities of the post-holder is to develop and evaluate new automated brain MRI quality control algorithms, to run in near-realtime.

The post holder will be responsible for

- 1) Developing automated algorithms for classification and/or regression or image quality of anatomical brain MRI scans using existing manually labelled scans, and
- 2) Evaluate performance of these methods on a range of MRI scans from publicly available brain MRI data and brain MRI data from clinical service

Duration of the post is offered for 12 months in the first instance.

The post-holder is expected to have experience with machine learning and/or deep learning on large imaging datasets, and strong evidence of algorithm design and evaluation/validation methods.

They should also have a PhD in Physics / Computer Science / Imaging Science, or equivalent work experience.

For further details about the vacancy and how to apply online please go to <http://www.ucl.ac.uk/hr/jobs/> and search on Reference Number 1872849

If you have any queries regarding the vacancy or the application process, please contact the Computer Science HR department at computerscience.hr@ucl.ac.uk

Closing Date: 6/1/2021

UCL Taking Action for Equality.

We will consider applications to work on a part-time, flexible and job share basis wherever possible.

Our department holds an Athena SWAN Silver award, in recognition of our commitment and demonstrable impact in advancing gender equality.

To apply click here

https://atsv7.wcn.co.uk/search_engine/jobs.cgi?SID=amNvZGU9MTg3Mjg0OSZ2dF90ZW1wbGF0ZT05NjYmb3duZXI9NTA0MTE3OCZvd25lcnR5cGU9ZmFpciZicmFuZF9pZD0wJmpvYl9yZWZyY29kZT0xODc5ODQ5JnBvc3Rpbmdfy29kZT0yMjQ=