UCL Gatsby Computational Neuroscience Unit

Research Associate (Training Fellowship - Machine Learning)

Gatsby Computational Neuroscience Unit, UCL, UK
http://www.gatsby.ucl.ac.uk/

The Gatsby Computational Neuroscience Unit invites applications for a training fellowship in machine learning and related areas.

The Gatsby Unit has significant interests across a range of areas in machine learning, including unsupervised learning, reinforcement learning, Bayesian statistical theory, nonparametric methods, kernel methods, optimization, and applications to neuroscience, linguistics, vision and bioinformatics. We actively apply these methods to problems in both theoretical and data-driven neuroscience. Machine learning research at the Gatsby Unit is led by Arthur Gretton and Maneesh Sahani.
For further details of our research please see: http://www.gatsby.ucl.ac.uk/research.html

The Gatsby Unit is a world-class centre for theoretical neuroscience and machine learning providing a unique environment in which a critical mass of researchers interact closely with each other and with other world-class research groups in related departments at UCL. A cross-faculty Centre for Computational Statistics and Machine Learning opened at UCL in 2006, spanning the departments of Computer Science, Statistical Science and the Gatsby Unit. The Alan Turing Institute, a national data science institute of which UCL is a founding partner, is located next to the UCL campus: this will enable joint research with faculty from UCL and the Universities of Cambridge, Oxford, Warwick, and Edinburgh.

Candidates are required to demonstrate a very strong analytical background in machine learning, statistics, computer science, physics or engineering. Candidates must have a PhD in a relevant subject area by the agreed start date of the position, and a publication record in highly ranked conferences and journals.

Training fellowships are funded by the Gatsby Charitable Foundation and are part of a continuing program of training postdoctoral researchers in the computational neuroscience / machine learning discipline. The position is available for an initial period of between one and two years. Funding is specifically for the purpose of training a succession of researchers. To ensure the intellectual renewal of the unit, training fellows are not funded beyond a maximum three year period.

Applications must be made online via the UCL job vacancies website: http://www.ucl.ac.uk/hr/jobs/. Please be sure to attach to your online application a copy of your CV, statement of research interests, and full contact details (including e-mail addresses) for three academic referees. CVs should include: education history, details of current or most recent position and details of previous employment or fellowships. Incomplete applications will not be reviewed by the selection committee.

The closing date for applications is 6th April, 2016.

Gatsby Unit – February 2016