Teaching Fellow in Artificial Intelligence

Department: Computer and Information Sciences (www.strath.ac.uk/science/computerinformationsciences/)
Faculty: Faculty of Science (www.strath.ac.uk/science/)
Staff Category: Teaching
Reference No: 295575
Reports To: Head of School/Department
Grade: 8
Salary Range: £41526 - £51034
Contract Type: Open Contract
FTE: 1 (35 hours/week)
Closing Date: Sunday, 17 May 2020

Job Advert

The Department of Computer and Information Sciences (CIS) seeks to appoint a Teaching Fellow in Artificial Intelligence in order to grow its expanding portfolio of postgraduate and undergraduate modules in the area. Based within the Faculty of Science, CIS is an internationally recognised research department specialising in computer security, health informatics, interactive systems, information science and theoretical computer science. It is home to around 600 undergraduates, taught postgraduate and PhD students with an increasing emphasis on in person and online delivery of high-quality educational programmes. CIS is working closely with industry through a growing portfolio of education and knowledge exchange projects supported by the Scottish Funding Council Innovation Centres, like the DataLab and the Digital Health and Care Institute, and Innovate UK.

CIS has recently developed an MSc in Artificial Intelligence and Applications (AIA), and is also involved in a number of MScs covering related topics. The AIA MSc programme is designed for individuals from diverse backgrounds wanting to gain experience in artificial intelligence. Successful applicants will be expected to play a central role in the delivery of the programme, as well as providing input into the development of modules for other programmes. You will need a proven academic or professional track record in a field related to artificial intelligence, along with experience machine learning and data science. The teaching and learning environment within Strathclyde is rapidly evolving, including more use of online and technology enabled, as well as more traditional delivery. You will need to demonstrate flexibility to adapt and innovate your approach to teaching and learning to embrace this evolution. Some overseas teaching may also be required.

Informal enquiries about the post can be directed to Dr Martin Halvey, Postgraduate Teaching Director (martin.halvey@strath.ac.uk).

Job Description

Brief Outline of Job:
To design and deliver a range of teaching materials and undertake student assessment activities; to engage in relevant scholarship, professional and knowledge exchange activities; and to carry out administrative tasks assigned by the Head of Department/School.

Main Activities/Responsibilities:
1. Design and deliver a range of teaching materials at undergraduate and postgraduate levels, including contribution to curriculum review and enhancement, in a manner that supports a research-informed approach to student learning.
2. Undertake student assessment and examination activities, including the provision of appropriate feedback to students.
3. Supervise students and staff as required, providing direction, support and guidance.
4. Engage in individual or collaborative scholarship activities, developing and producing learning materials and disseminating the results as appropriate.

5. Participate in the development and submission of proposals to secure funding for teaching development activities.

6. Develop knowledge exchange activities by, for example, establishing educational links with industry and influencing public policy and the professions.

7. Carry out Department/School, Faculty and/or University administrative and management functions, for example through membership of committees and/or by acting as class/module/year co-ordinator.

8. Contribute to cognate research activities by providing specialist input based on professional expertise, experience and qualifications/registration.

9. Engage in continuous professional development, which may include establishing, in a developing capacity, a personal portfolio of research activity.

**Person Specification**

**Educational and/or Professional Qualifications**

*(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)*

E1 Good honours degree and PhD (or equivalent professional experience) in appropriate discipline.

D1 Membership of relevant Chartered/professional bodies (including Higher Education Academy).

**Experience**

E2 Established track record of teaching at undergraduate and/or postgraduate levels.

D2 Experience of student assessment activities.

D3 Experience of curriculum development.

D4 Experience of managing teaching activities and teams.

D5 Track record of securing funding for teaching, scholarship and/or knowledge exchange activities.

**Job Related Skills and Achievements**

E3 Ability to plan and organise own workload and supervise and delegate work to others

E4 Ability to develop ideas for, and disseminate/apply results of, scholarship activities.

E5 Ability to work within a team environment and lead teams where required.

D6 Track record of relevant scholarship and/or research activity.

D7 Track record in knowledge exchange related activities.

**Personal Attributes**

E6 Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences.

**Application Procedure**

Applicants are required to complete an application form including the name of three referees who will be contacted before interview without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

**Other Information**

Further information on the application process and working at Strathclyde can be found on our website ([http://www.strath.ac.uk/hr/workforus](http://www.strath.ac.uk/hr/workforus)).

Informal enquiries about the post can be directed to Martin Halvey, Senior Lecturer/Postgraduate Teaching Director (martin.halvey@strath.ac.uk/01415536027).
Conditions of Employment
Conditions of employment relating to the Teaching staff category can be found at: [Conditions of Employment](#).

Rewards and Benefits
Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

Pre-employment health screening
An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

Probation
Where applicable, the successful applicant will be required to serve a 12 month probationary period.

Pension
The successful applicant will be eligible to join the Universities’ Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Relocation
Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

Interviews
Formal interviews for this post will be advised in due course.

Equality and Diversity
We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women’s careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

University Values
The University’s Values capture what we’re all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.