Teaching Associate in Software Development

Department | Computer and Information Sciences (www.strath.ac.uk/science/computerinformationsciences/)
Faculty | Faculty of Science (www.strath.ac.uk/science/)
Staff Category | Teaching
Reports To | Programme Director
Salary Range: | £32817 - £40322
FTE | 1 (35 hours/week)
Reference No | 296489
Grade: | 7
Contract Type: | Open Contract
Closing Date | 20/05/2020

Job Advert

The Department of Computer & Information Sciences (CIS) is an internationally recognised research department specialising in health informatics, interactive systems, computer security, information science and theoretical computer science, and is home to around 600 undergraduate, taught postgraduate and PhD students.

CIS has developed a 4-year Graduate Apprenticeship degree in IT: Software Development (ITSD) which is designed for learners employed full-time within a software development role in industry, and consequently, a significant proportion of the student workload is credit-bearing work-based learning. The programme is mostly delivered online but with regular on-campus activities.

We wish to appoint a Teaching Associate in Software Development to carry out the following activities: develop and deliver some of the online ITSD modules and undertake student assessment activities; work with the ITSD Programme team to ensure the smooth running of the programme; develop and engage in scholarship, professional and knowledge exchange activities including continuing professional development (CPD); carry out administrative tasks assigned by the Head of Department.

You should have a good knowledge of software development as you will be expected to design and develop online course materials with guidance from other colleagues, and also teach on the ITSD degree. The ability to teach programming in some of the programming languages taught on this course (e.g. Java, Python, C, PHP, JavaScript, SQL) is essential. Knowledge of current practices/frameworks/tools used in software development within industry is desirable. You will also be expected to develop an understanding of good pedagogic practice with regard to online and face-to-face teaching.

You will normally be expected to have a good Honours degree and PhD in a relevant area or equivalent professional experience, to enable you to contribute to the delivery of the ITSD programme and provide student support. You will be expected to develop your knowledge of appropriate teaching methods and work towards eligibility for membership of the Higher Education Academy. Applicants who are seeking a part-time position will also be considered.

The University of Strathclyde has an established Teaching Career pathway which will give you the opportunity for career development and promotion.

Job Description

Brief Outline of Job:
To deliver a range of established teaching modules and undertake student assessment activities with support and guidance from colleagues; to collaborate with colleagues on course development and curriculum renewal; to engage in relevant scholarship, professional and knowledge exchange activities; and input to administrative activities.
Main Activities/Responsibilities:

1. As part of a teaching team, deliver a range of online teaching modules at undergraduate level with guidance from senior colleagues as required.
2. Develop your own teaching materials and methods (both online and face-to-face), with guidance, to ensure that defined learning objectives are met.
3. Undertake student assessment and examination activities, with guidance, including the provision of appropriate feedback to students.
4. Supervise students as required, providing direction, support and guidance.
5. Critically evaluate and reflect on teaching practice and methodology, and collaborate with colleagues on course development activities and in the planning and implementation of curriculum changes.
6. Contribute to scholarship activities, continually updating professional knowledge and skills and incorporating this learning into teaching delivery.
7. Collaborate with colleagues on the development of knowledge exchange activities, for example, establishing educational links with industry/CPD.
8. Plan and manage own workload with guidance from colleagues as required.
9. Contribute in a developing capacity to Department or Faculty administrative functions.
10. Work with the ITSD team to support the smooth running of the programme.

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 A good Honours degree and PhD or equivalent professional experience in Computer Science/Software Engineering or related discipline.
D1 Membership of relevant Chartered or Professional bodies (including Higher Education Academy).

Experience
E2 Sufficient breadth or depth in Computer Science/Software Engineering to deliver established teaching programmes at undergraduate level and to contribute to course development activities.
D2 Ability to translate knowledge of modern software engineering practices used in industry into teaching assessments and materials.
E3 Experience of undertaking assessment activities and providing feedback.
D3 Experience of curriculum development.
D4 Experience of supervising students.
D5 Experience of developing online course materials.

Job Related Skills and Achievements
E4 A developing knowledge of teaching and assessment methods.
E5 Ability to plan and organise own workload effectively.
E6 Ability to work within a team.
D6 Experience of relevant scholarship and/or research activities.
D7 Experience of knowledge exchange activities.

Personal Attributes
E7 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 audience.
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).

Informal enquiries about the post can be directed to Dr Alex Coddington, Associate Dean (Degree Apprenticeships) (Alex.Coddington@strath.ac.uk, 0141 548 4521).

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.

Probation

Where applicable, the successful applicant will be required to serve a 9 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.