

Teaching Fellow/Senior Teaching Fellow in Computer Science

Department	Computer and Information Sciences (www.strath.ac.uk/cis/)		
Faculty	Faculty of Science (www.strath.ac.uk/science/)		
Staff Category	Teaching	Reference No	I05050
Reports To	Head of Department	Grade:	8/9
Salary Range:	Grade 8 (£39,992 - £49,149) Grade 9 (£50,618 - £56,950)	Contract Type:	Open Contract
FTE:	IFTE	Closing Date	Wednesday, 7 March 2018

Job Advert

The Department of Computer and Information Sciences (CIS) seeks to appoint either a Teaching Fellow or Senior Teaching Fellow in Computer Science to: lead the design, development and delivery of a range of computer science teaching programmes and undertake student assessment activities; lead scholarship, professional and knowledge exchange activities including continuing professional development CPD; and to carry out senior administrative tasks assigned by the Head of Department.

The successful applicant will have primary interests and expertise in computer programming. The appointee will be expected to manage and teach on the Department's new MSc Software Development degree including course directorship. The ability to teach programming in one or more of the programming languages taught on this course (i.e. Python, JavaScript, Java) is essential, as is the ability to teach programming in the software engineering context. The appointee will also be appointed PGT Deputy Director for continuing professional development (CPD) and will be expected to lead development and delivery of CPD computer programming offerings.

Candidates will demonstrate appropriate experience in their teaching discipline with have a record of achievement in their career to date. They will have ambitious academic goals, and understanding and experience of generating CPD income.

Job Description - Teaching Fellow

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.

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 - Teaching Fellow

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 Computer Science

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

Experience

E2 Established track record of teaching computer programming at undergraduate or postgraduate level

E3 Experience of student assessment activities.

E4 Experience of curriculum development.

D2 Experience of managing teaching activities and teams.

D3 Track record of securing funding for teaching, scholarship and/or knowledge exchange activities.

Job Related Skills and Achievements

E5 Ability to plan and organise own workload and supervise and delegate work to others

E6 Ability to develop ideas for, and disseminate/apply results of, scholarship activities.

E7 Ability to work within a team environment and lead teams where required.

D4 Track record of relevant scholarship and/or research activity.

D5 Track record in knowledge exchange related activities.

Personal Attributes

E8 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.

Job Description - Senior Teaching Fellow

Brief Outline of Job:

To lead the design, development and delivery of a range of teaching programmes and undertake student assessment activities; to lead scholarship, professional and knowledge exchange activities; and to carry out senior administrative tasks assigned by the Head of Department.

Main Activities/Responsibilities:

1.	Lead and manage the design, development and delivery of a range of computer science teaching programmes at undergraduate or postgraduate levels, including leading curriculum review and enhancement activities, in a manner that supports a research-informed approach to student learning.
2.	Design and manage processes in relation to student assessment, examination and feedback activities.

3.	Lead individual and collaborative scholarship activities with confirmed national impact, developing and producing learning resources and strategies.
4.	Manage teaching teams and provide leadership for the teaching area, providing leadership, support and guidance to colleagues and supervising students as appropriate.
5.	Lead the development and submission of proposals to secure funding for teaching development activities.
6.	Lead the development of knowledge exchange and continuing professional development 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 senior administrative and management functions, for example by convening or participating in relevant committees.
8.	Contribute to the strategic development of the Department/School through, for example, developing new educational strategies and/or courses and by anticipating and planning for new directions for themselves and teaching teams.
9.	Engage in continuous professional development, which may include establishing, in a developing capacity, a personal portfolio of research activity.

Person Specification - Senior Teaching Fellow

Educational and/or Professional Qualifications

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

E9 Good honours degree and PhD (or equivalent professional experience) in Computer Science

D6 Membership of applicable professional body (i.e. BCS)

Experience

E10 Track record of teaching and assessing computer programming at undergraduate or postgraduate level.

E11 Track record of developing computer programming curriculum and classes at undergraduate or postgraduate level

E12 Track record of student supervision and assessment at undergraduate or postgraduate level.

D7 Experience of teaching computer programming at CPD level.

D8 Experience of developing computer programming classes at CPD level.

D9 Experience of CPD level marketing and recruitment.

D10 Proven track record of securing funding for teaching, scholarship and/or knowledge exchange activities.

Job Related Skills and Achievements

E13 Demonstrable experience of online teaching design and delivery at undergraduate or postgraduate level.

E14 Demonstrable engagement with the professional computer programming community.

E15 Sustained track record of scholarship activities with impact on national educational strategies, programmes or methods, including contributions to regional/national/international professional/practitioner publications and conferences.

E16 Demonstrable ability to teach across a range of programming languages including Python, Java and JavaScript.

D11 Involvement in PGT recruitment.

D12 Involvement or achievement in obtaining external CPD revenue.

Personal Attributes

E17 Excellent communication skills appropriate for engaging students at all levels.

E18 Team player.

E19 Ability to develop an independent teaching career.

E20 Ability and willingness to promote courses and classes to international applicants and agents (involving travel).

D13 Proven staff, budget and project management skills

Other Relevant Factors

E21 Personal teaching goals align with CIS PGT directions.

E22 Enhancing CIS PGT directorate and teaching team existing strengths

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 Steven Buchanan , Reader (0141 548 3409 or email steven.buchanan@strath.ac.uk).

Conditions of Employment

Conditions of employment relating to the Teaching staff category can be found at: [Conditions of Employment](#).

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

It is anticipated that formal interviews for this post will take place week commencing 19 March 2018.

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.



Conditions of Employment

Teaching Staff

1. GENERAL CONDITIONS

Members of staff are subject to the Charter and Statutes and the Ordinances and Regulations of the University, published in the Calendar, and to any amendments or additions thereto approved by the University Court and, in the case of the Charter and Statutes, the Privy Council. Staff are also expected to familiarise themselves with, and adhere to, general University policies and procedures, as published on University web pages.

The University Court recognises Strathclyde Universities and Colleges Union (SUCU) as the sole body with which it will negotiate and consult on all collective issues concerned with the terms and conditions of employment of Teaching Staff. Such terms and conditions may be varied by the University Court after negotiation and consultation with UCU.

Each member of staff is responsible for the proper performance of allocated duties to the person or persons specified in the member of staff's letter of appointment and any accompanying papers.

The University is committed to ensuring that its business is conducted in an open and transparent manner and will take all appropriate steps to address risks of bribery or corruption. Members of staff are required at all times to act honestly and with integrity and to safeguard the resources for which they are responsible. The University has in place a robust Public Interest Disclosure (Whistleblowing) Policy to enable concerns to be brought to its attention. This is available at www.strath.ac.uk/publicinterestdisclosure. Other relevant policies, e.g. Fraud Prevention and Conflicts of Interests, can also be found on the University's website.

Any member of staff may at any time be exposed to commercially sensitive information, information related to potentially valuable intellectual property or information which may otherwise be of a confidential nature. This information, which could be found anywhere in the University, may be written or disclosed orally, can include information of a commercial or technical nature, and may be owned by the University or by third parties. The University requires all employees to keep any such information confidential in the first instance and not disclose, publish or otherwise disseminate it without prior consent of the University. Such confidentiality obligations are commonplace and in the commercial interests of the University. When in doubt advice should always be sought from Research and Knowledge Exchange Services prior to disclosure.

The University operates probationary periods for new staff, the duration of which will be specified in individual letters of appointment. The normal probation period for posts in this staff category is 9 months for those at grades 6 and 7, and 12 months for grades 8 and above. Further guidance on probationary procedures is published at <http://www.strath.ac.uk/staff/policies/hr/>.

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Further information on the terms and conditions specified in this document and other staffing policies and procedures can also be found at www.strath.ac.uk/hr.

2. SALARY

Appointments are made at an appropriate salary point on the University's grading structure, with initial placing determined according to qualifications and experience. Increments are paid to staff on 1 April each year, when the employee has a minimum of 6 full months of service, allowing progression to the next point on the salary scale until the top guaranteed point of the scale is reached.

Salaries are paid directly to staff members nominated bank account, normally on the second last working day of the month.

3. HOURS OF WORK

The standard working week is 35 hours, performed between the normal hours of 09.00 to 17.00 Monday to Friday with a one hour lunch break. Work outwith these hours may be necessary for which no additional payment will be made. Certain members of staff may be required to work some hours outwith this normal pattern and this should be agreed locally.

4. HOLIDAYS

Annual leave entitlement is 31 days per year to be taken by agreement with the line manager. For staff members working on a part-time basis, holidays will be calculated on a pro-rata basis.

In addition to annual leave there is an entitlement to eleven public holidays per year which should be taken on days that the University is closed for this purpose. The University presently closes for four additional days over the Christmas and New Year period. **These additional days count against the annual leave entitlement.**

For staff members working on a part-time basis, public holiday entitlement will be calculated on a pro-rata basis.

Annual leave and public holiday entitlements should be taken in the leave year to which they relate. Up to five days leave can be carried forward into the new leave year subject to line management agreement. In exceptional circumstances, Heads of Department/School/equivalent may approve carry forward of accrued annual leave in excess of five days.

The University's expectation is that staff take all accrued holidays prior to their termination date. If staff have exceeded their entitlement the University will deduct an equivalent number of days pay from final salary payments.

5. SICKNESS ABSENCE

During any period of absence through illness or injury provided the appropriate notification and certification procedures have been followed the University will pay a member of staff (having taken account of the aggregate of all periods of absence due to illness during the twelve months immediately preceding the first day of the current absence) as follows:

Period of Continuous Employment at start of absence from work	Full Pay	Half Pay
Less than 1 year	1 month	1 month
1 year but less than 2 years	2 months	2 months
2 years but less than 3 years	4 months	4 months
3 years but less than 5 years	5 months	5 months
5 years or more	6 months	6 months

In order to manage the University's sick pay scheme the University requires to maintain sickness absence records on individual members of

staff. When making payments after the expiry of statutory sick pay the University will deduct an amount equivalent to any benefit normally payable by the Department of Work and Pensions. For full details on the general University policy in this area please refer to the Sickness Absence Management Policy at www.strath.ac.uk/staff/policies/hr

6. PENSIONS

New members of staff, aged under 75, will be admitted automatically to membership of the Universities Superannuation Scheme (USS) on taking up appointment. If you are already in receipt of a USS pension you will join USS in accordance with pension auto-enrolment regulations. USS requires a contribution from the member, currently 8 per cent of pensionable salary. A contribution, currently 18 per cent of pensionable salary, is paid by the University. From 1 April 2016 all members are part of the career revalued benefits scheme called the USS Retirement Income Builder. From 1 October 2016 a threshold, initially of £55,000 a year, will apply to the maximum salary that counts towards the USS Retirement Income Builder. From the same date a new defined contribution section of the scheme called USS Investment Builder will open and any contributions above the threshold will be invested in this section. The exception to automatic membership of the pension scheme applies if your post is located out with the UK in an EU member state. If this is the case membership of USS is not available to you.

New members of staff may opt out of USS within three months of taking up appointment and will then be treated as if they had never been a member of the scheme. After three months members of staff who wish to withdraw from USS during their employment will be required to give a minimum of 28 days' notice in writing to the University. Any member of staff who wishes to opt out should contact the Pensions Section, Finance, in the first instance (pensions@strath.ac.uk). Please note that if you are a member of Pensions Plus and withdraw from USS with less than two years of membership, or cease employment with the University and have less than two years of USS membership, the option of a refund of pension contributions will not be available to you. Instead, USS must provide you with a pension benefit that is payable from your retirement date.

The University reserves the right to alter or withdraw Pensions Plus as it sees fit or as required to comply with legislative changes. Withdrawal or amendment of Pensions Plus will not affect your membership of USS. If you do not wish to participate in Pensions Plus but wish to remain in the pension scheme please contact the Pensions Team who will provide you with a non-participation form.

Information regarding pension scheme membership can be found on the Pensions pages of the University's website. Full information regarding USS can be found on the USS website – www.uss.co.uk

7. PLACE OF WORK AND RESIDENCE

Members of staff will be based on the John Anderson Campus, unless otherwise stated in the letter of appointment. The Department/School in which the post is initially placed will be specified in the letter of appointment although there will be an expectation to work at such other places as required in the course of employment.

If the need arises for members of staff to work outside the UK for a period (or periods) of more than one month then such arrangements will be subject to mutual agreement. Members of staff would then be provided with a statement in advance setting out the terms covering such periods of employment.

The University does not normally place specific restrictions upon the place of residence of members of staff. All staff are, however, expected to reside in a location which is compatible with the satisfactory fulfilment of all the duties associated with their appointment.

8. CONSULTANCY/FURTHER ACTIVITIES

To support the strategic objectives of the University and to facilitate individual professional development, the University encourages staff to engage in professional activities with outside bodies related to their field of work. In many cases, such activity will be approved on the basis that

it represents University knowledge exchange activity and should therefore be treated as part of the individual's overall workload and managed through the University's systems. It is also recognised that there will be some cases where an activity is entirely separate from the University and should thus be notified/approved as a personal business activity. For further information please refer to the "University Procedure in relation to Work for Outside Bodies including Consultancies", which forms part of the employment contract and can be accessed at www.strath.ac.uk/hr

9. DISCIPLINARY AND GRIEVANCE PROCEDURES

Further information on the University's disciplinary and grievance procedure can also be found at www.strath.ac.uk/hr or on request from Human Resources.

10. NOTICE AND TERMINATION

The employment of a member of staff is terminable by at least three months' notice, in writing, on either side, except during the probationary period when notice is one month. If notice is being given by a member of staff earlier release may be granted if this can be arranged without detriment to the work of the department or area. If the appointment is for a fixed term period it will expire at the end of the period without the necessity for notice. Fixed term contracts may be terminated by either party short of the expiry date by the serving of one month's notice in writing. The University is not obliged to continue a fixed term appointment beyond the specified employment period.

Revised April 2016