

Lecturer in Computer Science (2 posts)

Department:	Computing
Grade/ Salary:	Grade 7-8, £43,036 to £58,084, depending on experience (including London weighting)
Contract Type:	Permanent, full-time – Teaching & Scholarship or Teaching & Research
Hours:	1 FTE, flexible (available as full-time or part-time)
Location:	New Cross, London

Goldsmiths

Goldsmiths University of London is a world-leading centre of educational excellence where ground-breaking research meets innovative teaching and thinking. We are looking for inspiring, talented people to help Goldsmiths build on its global reputation as we expand our capabilities as a true learning organisation.

As a college we are working to tackle inequality in all its forms and are working to promote equality on grounds of race, disability, age, sex, gender identity, sexual orientation, religion and belief, marriage and civil partnership, pregnancy and maternity, and caring responsibilities. We are keen to attract candidates from diverse backgrounds who share our commitment to creating an inclusive culture in which all students and staff can thrive.

Information for candidates with disabilities can be found on our [Disability & Individual needs](#) page. We can supply information in alternative formats such large fonts or printed format upon request. For this please contact hr@gold.ac.uk or visit www.gold.ac.uk/hr.



Passionate about advancing equality and celebrating diversity. Together, we are different



Department of Computing

The Department of Computing at Goldsmiths is a vibrant, innovative and intellectually stimulating environment in which to work and study. Over the last two decades, we have developed a unique view of computing as a creative practice-based discipline: we pride ourselves on pushing the boundaries of computer science research to the limits of other disciplines. We also take pride on our mission of teaching students to be innovative and practical professionals, to be able to think for themselves, and to bring creative solutions to employers and to society. This is true both for our on-campus students and our distance-learning students around the world. For over twenty years, we have produced the distance learning computing programmes for the University of London (the world's oldest distance learning provider). We also produce the successful University of London BSc and MSc online Computer Science programmes. Our research is radically multi-disciplinary and varied, with a span that encompasses (a) strong emphasis on interactivity, virtual reality, and creative uses of computers, (b) data analytics in medical and commercial applications, and (c) financial technologies, and much more. We have been highly successful in recent years, attracting exciting new members of staff, winning important research grants, and greatly expanding in size, impact, and mission. Working at Goldsmiths, you will help the Department of Computing to move to the next stage, in which we aim to reinforce our internationally significant position in interactivity, creative computing and games, while building up strength in data science and theoretical computer science, and other disciplines. The new recruits will be vital to these developments. Now is an exciting time to be joining this department. We are at the beginning of several major initiatives that will help us widen and deepen the influence of both our research and our teaching.

We are proud of our inclusive, friendly culture and continue to promote and encourage diversity with several policies, including the option to apply for flexible working and support for staff returning from maternity leave and other breaks in service. The Department of Computing is committed to ensuring the selection process is fair and inclusive in all respects. We particularly welcome applications from women and BAME groups that are under-represented in UK Computer Science Departments.

Job description

Reporting to: Programme leader / member of department management team

Teaching Requirements

We are looking for people who can teach modules across several programmes in the Department of Computing. You will also play a key role in supervising and administering projects work for both academic and externally sourced project topics.

Research / Scholarship Requirements

We are looking for individual with an established track record as a researcher (permanent contract only) or scholarship. We welcome innovative ideas on engaging students in both the theoretical and practical aspects of studying for successful employment.

Summary

The post holder will be teaching on both our undergraduate and postgraduate programmes, on campus and online in a broad range of computer science subjects.

The subjects the post holder is likely to teach some (**but not all**) of the following:

- Computer security and encryption
- Operating systems and networking
- Software engineering
- Databases, Networks and the Web
- Natural Language Processing
- Artificial Intelligence and Machine Learning
- Data analysis and visualisation in R / python
- And any other generic computer science module that may become available.

If you are offered the permanent role, this this job is available either in a Teaching and Scholarship role or in a Teaching and Research role, depending on your background and expertise.

Main duties

- Undergraduate and postgraduate module leadership and teaching.

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- Liaising with module leaders where necessary to ensure module content remains relevant to, and compatible with, programme curricula.
- Supporting the department with student engagement through the attendance of student open days, events, workshops, and dissemination initiatives.
- Setting of coursework and examination assessments.
- Keeping up to date with knowledge of pedagogical issues in your subject.
- Preparation for the undergraduate and/or postgraduate examination boards.
- Enthusiasing and engaging students at all levels and in a variety of contexts.
- Undertaking any other duties as may reasonably be required by the Head of Department.
- Being aware of and aligned with Goldsmiths regulations, strategy, and objectives to work together to proactively advance equality and diversity.
- Helping to maintain a safe working environment by participating in training as necessary and by following the Goldsmiths Health and Safety Codes of Practice and Policy.

Person Specification

Detailed below are the types of qualifications, experience, skills, and knowledge that are required of the post holder. Selection will be made upon evidence of best-fit with these criteria.

The Essential criteria sections show the minimum essential requirements for the post. The Desirable criteria sections show additional attributes which would enable the applicant to perform the role more effectively with little or no training.

If you cannot demonstrate in your application that you meet the essential criteria categorised below but feel you can still carry out the demands of the job, please do still apply and we will consider your application.

The Category column indicates the method of assessment:

A = Application form **C = Certificate**
I = Interview **R = Reference**
T = Test / P = Presentation

Criteria	Category
Essential Criteria 1 – Qualifications	
Holds a PhD qualification or equivalent professional experience in a relevant subject area.	A, C, I
Desirable Criteria 1 – Qualifications	
Holds a postgraduate qualification in teaching.	A, C, I
Essential Criteria 2 – Experience	
Has experience of teaching computer science both to small and large groups of undergraduate students or in a distance-learning setting.	A, I
Desirable Criteria 2 – Experience	
Has experience of teaching the modules of choice.	A, I
Essential Criteria 3 – Knowledge	
Has a broad understanding of the undergraduate computer science curriculum.	A, I
Has knowledge of pedagogy associated with teaching in higher education.	A, I
Has a deep knowledge in one or more areas of computer science such as computer encryption and security, operating systems, networking, software engineering, machine learning, or data analysis.	A, I
Essential Criteria 4 – Skills	
Has software or web programming skills in one or more languages.	A, I
Has excellent communication and interpersonal skills.	A, I
Desirable Criteria 4 – Skills	
Is familiar with video production techniques and distance learning pedagogy.	A, I

Please note that where qualifications are required, employment is conditional on the verification of the qualification. Qualifications, which must be submitted in the form of original documents, will be checked before the appointment begins.

For more information about the role, please contact Dr Jamie A Ward (Head of Department for Computer Science) by emailing j.ward@gold.ac.uk

August 2024

Summary of Benefits

If you choose to work with us, you will become part of a learning organization that is committed to professional and personal development, with comprehensive and innovative staff development and wellbeing programmes.

You will also have access to regular lunchtime and evening talks, seminars, performances, and to annual performance and development reviews.

Our other benefits include:

- Competitive salary.
- Working in Zone 2, with fantastic transport links and interest free travel to work loans.
- Excellent annual leave entitlement plus additional closure days at Christmas and Easter.
- Membership of USS or LPFA pension scheme, dependent upon grade.
- Access to exclusive discounts, including high street retailers.
- Maternity, paternity, shared parental leave and adoption leave and pay and tax efficient childcare voucher scheme.
- Contractual sick pay provision.
- Free eye tests.
- Wellbeing initiatives including the Chaplaincy and Staff Choir.
- On-site [dining facilities](#)
- Access to [University of London facilities](#) such as Senate House Library.

Further information

For more information about Goldsmiths, please visit: www.gold.ac.uk/about.

Thank you for your interest in working with us. We wish you all the best with your application.