



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Lecturer or Associate Professor in Computer Science – Computer Graphics



Salary: Grade 8 (£51,753 – £59,966 p.a.) Grade 9 (£61,759 - £73,708 p.a.)

Reporting to: Head of School

Reference: EPSCP1187

Location: University of Leeds city campus (with scope for hybrid working)

We are open to discussing flexible working arrangements

Overview of the role

Do you have a track record of high-quality research and a clear vision for developing your profile at an international level? Can you contribute to innovative research-led teaching and support an excellent student experience across undergraduate and postgraduate programmes? Are you committed to working collaboratively, contributing to an inclusive and supportive School community, and engaging in active academic citizenship?

We are seeking to appoint a Lecturer (Grade 8) or Associate Professor (Grade 9) who will contribute to the School of Computer Science's academic mission through research, teaching, and academic citizenship. We invite applications from those whose research would ideally bring advanced knowledge into our graduate teaching in High Performance Graphics & Games Engineering, which covers rendering, real-time rendering, modelling, animation, simulation, game engine development and foundational mathematics. Research in areas such as shape modelling, geometric and topological modelling, animation, motion processing, or procedural generation would therefore be of particular interest, but any area of Computer Graphics is of interest.

This role offers the opportunity to develop and sustain a high-quality, internationally recognised research programme aligned with the School's strategic priorities, including active engagement in collaborative, interdisciplinary, and externally funded research.

You will deliver research-informed teaching across undergraduate and postgraduate programmes, contributing to curriculum design, innovation, and enhancement. You will play a key role in fostering an inclusive, engaging, and high-quality student experience, and will support the academic and professional development of students and early-career researchers through effective supervision and mentoring.

In addition, you will contribute to the effective and collegial operation of the School through administrative and service activities, working collaboratively with colleagues and supporting the University's commitment to excellence, equity, diversity, and inclusion. The role may also include teaching or academic engagement in support of the School's transnational education activities, including overseas teaching for up to six weeks in an academic year.



The University of Leeds is committed to fostering a supportive and inclusive academic community and welcomes applications from candidates whose values and behaviours align with those of the University.

Main duties and responsibilities

As a Lecturer your main duties will be:

Teaching:

- Contributing to the delivery of an exceptional student education and overall experience within the School through:
- Delivering high-quality research-led teaching, including assessment and examinations in a timely manner at different levels and through different modes of study (on-campus, on-line and/or off-site), which may include teaching overseas for up to six weeks per academic year.
- Providing support, guidance and timely feedback to students, acting as a personal tutor, resolving issues or referring to specialist parties where appropriate.
- Developing and delivering modules and degree programmes within the School, including innovative educational approaches, and participating in module and programme review and quality assurance.
- Supervising undergraduate and postgraduate taught students and contributing to the development of interdisciplinary learning opportunities.
- Helping to implement Faculty and institutional education initiatives, including digital education, internationalisation, and student success strategies.

Research and Innovation:

- Developing and delivering a planned programme of research and innovation aligned with school and institutional priorities with impact at an international level. This will include:
- Being actively involved in research, innovation and impact at a national and international level, while contributing to local School/Faculty activity.
- Maintaining a record of high-quality research outputs including publications and conference presentations.
- Attracting research funding individually and collaboratively to underpin your research plan.
- Building academic networks to integrate your research area with other research interests within and beyond the School and Faculty.
- Supervising postgraduate research students and contributing to the development of doctoral training environments.



Academic Leadership and Citizenship:

- Contributing effectively to the administrative processes and committee structures of the School, Faculty, and University through:
- Taking on leadership roles and where appropriate, managing initiatives that facilitate School, Faculty or University performance.
- Carrying out the duties of the post in accordance with the university values of professionalism, inclusiveness, integrity and community supporting the core value of academic excellence.

As an Associate Professor, your main duties will be:

Teaching

- Contributing to the delivery and advancement of an exceptional student education and research culture within the School through:
- Delivering high-quality, inclusive teaching and assessment across undergraduate and postgraduate programmes, using a range of modes (on-campus, online, and/or off-site) which may include teaching overseas for up to six weeks per academic year.
- Providing academic support and guidance to students, including personal tutoring, supervision, and timely feedback, with a commitment to enhancing the student experience and fostering inclusive learning environments.
- Leading curriculum development and pedagogical innovation, embedding research-led approaches and inclusive practice across programmes, and contributing to module and programme review and quality assurance.
- Supervising undergraduate and postgraduate taught students and advancing the development of interdisciplinary learning opportunities.
- Contributing to Faculty and institutional education initiatives, including digital education, internationalisation, and student success strategies.

Research and Innovation

- Developing and delivering a sustained programme of internationally recognised research and innovation with demonstrable impact. This will include:
- Leading original research with influence on academic knowledge, policy, practice, or public understanding, while contributing to Faculty-level research activity.
- Securing significant external funding, individually or collaboratively, to support research activity, capacity building, and strategic collaborations.
- Building and leading interdisciplinary research networks, partnerships, or centres, contributing to the strategic direction of research within the School and Faculty.
- Disseminating research through high-quality publications, public engagement, and knowledge exchange, enhancing the visibility and influence of your work.



- Contributing to institutional research strategy, including REF preparation, impact case development, and sector benchmarking.
- Supervising postgraduate research students and supporting the development of doctoral training environments.

Academic Leadership and Citizenship

- Contributing effectively to the leadership and governance of the School, Faculty, and University through:
- Providing leadership in academic planning, governance, and resource management, contributing to the strategic development of the School and Faculty.
- Mentoring and supporting colleagues, fostering a collaborative, inclusive, and high-performing academic environment.
- Representing the School or Faculty in external networks, advisory groups, or sector bodies, contributing to policy development and sector advancement.
- Leading or contributing to institutional initiatives in equality, diversity, and inclusion, sustainability, or civic engagement.
- Actively engaging in continuing professional development and supporting the development of others.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

Qualifications and skills

Essential Criteria for Lecturer and Associate Professor (Grade 8&9)

- A PhD in Computer Science or a closely related discipline, with strong subject knowledge and research expertise relevant to the field.
- A record of high quality research outputs, together with success in securing external research funding or clear potential to do so, informed by a coherent and ambitious research vision.
- Experience of contributing to, or developing, research networks and interdisciplinary collaborations, with enthusiasm for building productive partnerships within and beyond the University.
- Evidence of delivering engaging, inclusive, and effective teaching in Computer Science at university level, with a commitment to enhancing the student experience through the development of innovative teaching approaches and learning materials.



- Experience of supervising, mentoring, or otherwise supporting the academic and professional development of students and/or early career researchers.
- Excellent interpersonal, communication, and organisational skills, and evidence of some level of contribution to the administrative or managerial activities.
- A clear and demonstrable willingness to engage in academic citizenship within the School and wider University community.

Desirable additional criteria for Associate Professor only (Grade 9):

- A sustained record of high-quality research outputs, demonstrating originality, significance, and rigour, alongside international recognition through publications, invited contributions, and leadership within disciplinary networks.
- A track record of securing substantial external research funding, as principal or co-investigator, with evidence of strategic planning and long-term research development.
- Research leadership and team development, including leading initiatives, mentoring researchers, and fostering a positive and inclusive research culture.
- A strong record of teaching excellence including curriculum design, pedagogical innovation, and leadership in programme development or quality assurance;
- Experience of PhD supervision, acting as primary supervisor to successful doctoral graduates and contributing to doctoral training environments;

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date. Please state in your covering letter whether you are applying for the lecturer (Grade 8) or Associate Professor (Grade 9) role.

Contact information

To explore the post further or for any queries you may have, please contact:

[Gordon Love, Head of School](#)
g.d.love@leeds.ac.uk

Additional information



Faculty and School Information

The Faculty of Engineering & Physical Sciences brings together internationally recognised research and research-led teaching across engineering, mathematics, chemistry, physics, and computer science, addressing global challenges through interdisciplinary work in a supportive and inclusive learning environment.

Learn more about the research and teaching activities within the [Faculty of Engineering & Physical Sciences](#) and the [School of Computer Science](#), and the benefits of [working in the Faculty of Engineering and Physical Sciences at the University of Leeds](#).

Our University

As an international research-intensive university, we welcome students and staff from all walks of life and from across the world. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Engineering and Physical Sciences we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian and ethnically diverse people; people who identify as LGBT+; and people with disabilities. Candidates will always be selected based on merit and ability.

The Faculty of Engineering and Physical Sciences are proud to have been awarded the Athena Swan Silver Award from [AdvanceHE](#). The [Athena Swan Charter](#) is a framework which is used across the globe to support and transform gender equality within higher education and research.

Our [equity and inclusion website](#) provides more information.

Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Information for disabled candidates



Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found under the 'Accessibility' heading on our [How to Apply](#) information page or by getting in touch by emailing HR via hr@leeds.ac.uk.

Salary Requirements of the Skilled Worker Visa Route

Please note that this post may be suitable for sponsorship under the Skilled Worker visa route but first-time applicants might need to qualify for salary concessions. For more information please visit: www.gov.uk/skilled-worker-visa.

For research and academic posts, we will consider eligibility under the Global Talent visa. For more information, please visit [the Government's page, Apply for the Global Talent visa](#).

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

