



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Lecturer in Computer Science, Faculty of Engineering



Salary: Grade 8 (£40,792 - £48,677 p.a.)

Reference: ENGCP1103

Closing date: Sunday 21 July 2019

We will consider flexible working arrangements

Lecturer in Computer Science

School of Computing, Faculty of Engineering

Are you an academic with proven abilities to carry out teaching and research in Computer Science and related topics? Do you have an excellent research record and proven success obtaining funding? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University?

As Lecturer, you will carry out research, teaching and management within the school, faculty and university and contribute to academic leadership in the field of Computer Science with specific emphasis on our Joint School Programme with Southwest Jiaotong University in Chengdu, China.

Undergraduate students at the Joint School study 4-year Bachelor degrees, with a common first year that focuses on core study skills and knowledge in English (including development of language skills and technical skills in mathematics and physics). From year two onwards students study specialist modules based around their choice of major (Civil Engineering with Transport, Computer Science, Electronic & Electrical Engineering or Mechanical Engineering). All study and all teaching and assessment is in English, mirroring the Leeds' syllabus for each degree programme, supplemented by additional material to ensure that requirements for the relevant SWJTU degree are also met.

This post will be part of the University's "flying faculty" staff, delivering the teaching in China in short intensive blocks (usually 2 weeks), which means that you will be expected to spend some of the year (typically 4 to 6 weeks in a calendar year) in Chengdu, working at the Joint School. The majority of time will be based at the University of Leeds.

You will hold an undergraduate degree and PhD or equivalent experience in Computer Science, or a related discipline and have a specialism that demonstrably aligns with at least one of the School's existing research themes being Algorithms and Complexity; Applied Computing in Biology, Medicine and Health; Artificial Intelligence; Computational Science and Engineering; Distributed Systems and Services. We particularly welcome applications from academics with research interests in: Algorithms & Complexity; Distributed Systems & Services and Artificial Intelligence.



What does the role entail?

As a Lecturer your main duties will include:

- Being actively involved in research, innovation and impact at a national and international level as well as contributing to local School/Faculty activity;
- Maintaining a record of high quality publications of national and international standing;
- Attracting research funding individually and collaboratively to underpin high quality research activity and research programmes/projects;
- Promoting the integration of your own research area with other research interests within and, as appropriate, outside the School and Faculty;
- Providing research supervision and helping to attract students to the University;
- Undertaking research-led teaching at different levels, at the Leeds campus and via visits to the Joint School in Chengdu, including assessment and examinations and contributing towards module design, review and quality assurance mechanisms;
- Providing support and guidance to students, providing timely feedback, acting as a personal tutor, resolving issues and/or referring to specialist parties, where appropriate;
- Contributing effectively to the administrative processes and committee structures of the School/Faculty including taking on leadership roles and managing initiatives which facilitate School, Faculty or University performance or business.

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

What will you bring to the role?

As a Lecturer you will have:

- An undergraduate degree and PhD or equivalent experience in Computer Science, or a related discipline and have a specialism that demonstrably aligns with at least one of the School's existing research themes (Algorithms and Complexity; Applied Computing in Biology, Medicine and Health; Artificial Intelligence; Computational Science and Engineering; Distributed Systems and Services). We particularly



welcome applications from academics with research interests in: Algorithms & Complexity; Distributed Systems & Services and Artificial Intelligence;

- A track record of research outputs in refereed publications of internationally excellent quality;
- A successful record of obtaining external research funding with the potential for obtaining further funding in the future;
- Ability to contribute to and develop interdisciplinary collaborative research projects in a broad range of areas;
- A proven record of teaching in a University environment, with an enthusiastic approach to teaching computer science, and the ability to interact with students in ways that will enhance the student experience;
- Willingness and ability to deliver teaching in China in short intensive blocks (usually 2 weeks), which means that you will be expected to spend some of the year (typically 4 to 6 weeks in a calendar year) in Chengdu, working at the Joint School, and spending the majority of time based at the University of Leeds;
- Experience of proactively developing new teaching approaches and materials for in the area of Computer Science;
- Exceptional communication skills with the ability to collaborate with peers and inspire your research colleagues;
- Ability to contribute to management and administrative processes and structures, including managing resources and/or staff;
- A commitment to a positive, inclusive and equal working environment.

You may also have:

- Experience of postgraduate student supervision;
- Experience of programme/academic leadership.

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](#).

Contact information

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



Dr Andy Bulpitt, Head of School of Computing

Tel: +44 (0)113 343 36816

Email: scs_hos@leeds.ac.uk

Additional information

Faculty and School Information

Further information is available on the research and teaching activities of the Faculty of Engineering and the School of Computing.

A diverse workforce

The Faculty of Engineering is proud to have been awarded the [Athena Swan Silver Award](#) from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

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.

