

RESOURCING/

JOB DESCRIPTION:

Lecturer in Computing



Ref Number:	CEMS-003-20
Salary Scale:	Grade 7: £34,804 - £39,152 per annum <u>or</u> Grade 8: £41,526 - £48,114 per annum
Contract:	Ongoing AND Full-time
School/Department:	School of Computing
Location:	University of Kent, Canterbury Campus
Responsible to:	Head of School or nominee
Closing Date for applications:	10 January 2020
Interviews are expected to be held on:	20 January 2020
Expected start date:	1 April 2021

The School of Computing is a welcoming and diverse environment that has been recognised with a Bronze Athena SWAN award. Our staff and students come from all over the world, and we are proud of our friendly and inclusive culture. We support colleagues through a number of family-friendly policies, including a core hours policy and the right to apply for flexible working, and support for staff returning from periods of extended absence (for example, parental leave).

The Role

The School of Computing is seeking to appoint a lecturer, based in the Programming Languages and Systems (PLAS) research group at our Canterbury campus. The appointee will help us to build on our success in the last REF exercise when we were ranked in the top quartile of 89 Computing departments across the country, coming 12th by Research Intensity. The School of Computing has an international reputation for its research in programming languages, regularly publishing in the top venues in the field.

We invite applications from candidates with research interests that can complement or enhance the PLAS group's existing research strengths, which spans a broad range of programming paradigms (imperative, object-orientated and functional programming) complemented by architectures and systems research in concurrency and relaxed memory. It is linked by shared interests in semantics, type systems, verification and implementation. The successful candidate will also make a significant contribution to teaching at all levels.



Full details about teaching and research in the School can be found on our website:

www.kent.ac.uk/computing

Key Accountabilities / Primary Responsibilities

- Undertake teaching of both undergraduate and postgraduate students, including the development of new modules and providing support for student learning.
- Develop and extend your existing successful research career, writing research papers of the highest quality and securing external funding.
- Collaborate with colleagues in the School on course development, delivery and assessment, taking on appropriate management and administrative responsibilities.

Key Duties

Teaching

- Deliver teaching to achieve the highest standards of student experience in a variety of settings from small tutorial groups to large lectures.
- Develop excellent teaching and learning support material across a range of modules.
- Set and mark assessments and examinations, providing timely feedback to students in a way that helps them develop their knowledge and skills.
- Supervise undergraduate and postgraduate students undertaking project work.
- Collaborate with academic colleagues on course delivery, development and curriculum changes.
- Provide pastoral support to students.

Research and Innovation

- Undertake research of the highest quality within the School of Computing to enhance the University's next REF submission.
- Generate funding to sustain your research from appropriate external sources such as Research Councils and other funding bodies.
- Build a research programme with research students and post-doctoral researchers.
- Publish in the most prestigious journals and conferences.
- Exploit opportunities to engage with industrial, commercial, governmental and charitable organisations to gain innovation funding, transfer knowledge and create impact.
- Develop collaborations with colleagues nationally and internationally to enhance research opportunities.

Continuous Professional Development

- Take on appropriate administrative and management responsibilities.
- Develop further skills in, and knowledge of, teaching methods and techniques.
- Such other duties, commensurate with the grading of the post that may be assigned by the Head of School or their nominee.



Health, Safety & Wellbeing Considerations

This role involves undertaking duties which include the Health, Safety and wellbeing issues outlined below. Please be aware of these, when considering your suitability for the role.

- Regular use of Screen Display Equipment

Internal & External Relationships

Internal: School of Computing and wider university staff (academic and professional) and students.

External: Funding bodies, potential research and enterprise partners, research colleagues, professional bodies and prospective students and their families.

Person Specification

The Person Specification details the necessary skills, qualifications, experience or other attributes needed to carry out the job. Please be aware that your application will be measured against the criteria published below.

Selection panels will be looking for clear evidence and examples in your application, or in your cover letter where applicable, which back-up any assertions you make in relation to each criterion. Please ensure your application includes:

- **a research plan**, giving your intended research activities, should you be appointed;
- **a teaching statement**, outlining your approach to education and assessment.

Qualifications / Training	Essential	Desirable	Assessed via*
PhD in a discipline relevant to computer science or similar professional experience	✓		A
PGCHE or similar teaching qualification		✓	A

Experience / Knowledge	Essential	Desirable	Assessed via*
Experience of teaching computing at higher education level		✓	A
An understanding of the UK's funding landscape and a plan for developing research income	✓		A,I,T
Recent track record of publication in leading international journals or conferences in the area of Programming Languages and Systems	✓		A
Knowledge of the UK higher education system		✓	A,I



Skills / Abilities	Essential	Desirable	Assessed via*
Ability to make a strong contribution to the research undertaken in the School in an area relevant to the Programming Languages and Systems Research group	✓		A,I,T
Ability to effectively educate and assess undergraduate and postgraduate students across a wide variety of computer science modules.	✓		A,I,T

Additional Attributes	Essential	Desirable	Assessed via*
Willingness to contribute widely to teaching, administration and management as part of a team	✓		A,I
Good inter-personal communication skills	✓		I,T

***Criterion to be assessed via:**

A = application form or CV/cover letter

I = interview questions

T = test or presentation at interview

