

Candidate Information

Position: Lecturer in Computer Vision
School/Department: Centre for Intelligent Sustainable Computing (CISC)
Reference: 25/112517
Closing Date: Monday 26 May 2025
Salary: £43,605 - £60,284 per annum.
Anticipated Interview Date: Tuesday 1 July 2025

JOB PURPOSE:

The following describes the type of work that is typically required of academic staff at this level. It is not expected that anyone carries out all the activities mentioned below and some may carry out additional duties as requested by the Head of School.

MAJOR DUTIES:

Teaching:

1. To contribute to the design, delivery, and improvement of Computer Science curricula.
2. To contribute to the School's efforts to develop new teaching delivery methods, including but not limited to new blended learning and research-led teaching methods.
3. To undertake initiatives to improve the overall student experience, by innovative methods of assessment, feedback, and student engagement.
4. To supervise undergraduate and postgraduate taught students in practical and project-based work appropriate to the relevant courses of study.
5. To contribute to student recruitment and student support.

Research:

1. To lead and undertake a research programme in Computer Vision, contribute to securing external research funding, and develop collaborative and interdisciplinary research activities.
2. To publish research in peer-reviewed national and international journals and conferences in Computer Vision and related areas.
3. To engage in knowledge transfer and innovation activity including contributions to BRCD initiatives, and to deliver high quality research impact.
4. To participate in relevant regional, national, and international research initiatives in Computer Vision and related areas.
5. To contribute to the strategic growth and mission of school and research institutes.
6. To engage, mentor and develop postgraduate or post-doctoral researchers.

Administration/Contribution to the Community:

1. To contribute to outreach and internationalisation activities by developing external links.
2. To carry out designated administrative duties including, for example, committee work, working group leadership or course administration.
3. To contribute to the development of the wider research discipline through reviewing of research article and grant proposals, organisation of conferences and workshops, and other relevant initiatives.
4. To support and contribute to the development of the EEECS community, values and culture, including Equality, Diversity, and Inclusivity activities.
5. To participate in and support the Personal Development Review (PDR) process.

ESSENTIAL CRITERIA:

1. A PhD in Computer Science, Computer Engineering, Electronic Engineering (or related disciplines).
2. A strong record (commensurate with career stage) of conducting and publishing high quality research in novel methodologies for Computer Vision, including but not limited to: explainable AI, unsupervised visual learning, multimodal computer vision, hyperspectral imaging, visual tracking, multi-task learning, generative modelling, biomedical/environmental applications.

3. Evidence of independent contribution to research projects and outputs and potential to establish an independent and sustainable research program.
4. Evidence of contribution to national and international collaborations.
5. Evidence of teaching experience including but not limited to undergraduate and postgraduate level teaching, assessment and/or industrial training activities.
6. Evidence of ability to contribute to School or University administrative tasks.
7. Evidence of engagement in activities that are of service to the wider discipline including but not limited to scientific reviewing and editing, organisation of workshops and/or conferences.
8. Ability to effectively communicate (in English) complex information to a variety of audiences.
9. A commitment to creating a supportive academic environment, enhancing equality, diversity, and inclusivity, and supporting early career academics.
10. Ability to work in a team to deliver high quality teaching and research.

DESIRABLE CRITERIA:

1. Completed a Postgraduate Certificate in Higher Education Teaching (or equivalent) qualification.
2. Successful coordination of major research consortia based in the UK, EU, or internationally.
3. Evidence of contribution of research income generation.
4. Evidence of research translation and/or impact.
5. Evidence of successful supervision or mentoring of PhD students, research staff, or industry equivalent experience.
6. Successful enhancement or creation of undergraduate or postgraduate programmes in Computer Science, Artificial Intelligence, or related areas.
7. Evidence of ability to contribute to community/outreach, public engagement, or impact-related activities.

ADDITIONAL INFORMATION:

Informal enquiries can be directed to: Richard Gault - r.gault@qub.ac.uk.