CANDIDATE BRIEF

University Academic Fellow in Artificial Intelligence Technology in Fashion Design and Retailing, Faculty of Arts, Humanities and Cultures

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

Reference: AHCDE1068

Closing date: 9 June 2019

University Academic Fellow in Artificial Intelligence Technology in Fashion Design and Retailing
School of Design, Faculty of Arts Humanities and Cultures

Are you an experienced and ambitious researcher looking for your next challenge? Do you have a strong research background in Artificial Intelligence Technology/Data Analytics? Do you want to further your career in a World-Leading research-intensive Russell Group University?

With a vision and drive to contribute to a World-Leading research portfolio, as well as a passion for undertaking research-led teaching, you will make a significant impact on the performance, stature and profile of research and student education at The University of Leeds.

The School of Design is part of the Faculty of Arts, Humanities and Cultures which consists of nine dynamic and diverse Schools which offer vibrant research and a commitment to excellence in teaching. You will join an experienced, innovative and diverse team to teach across our programmes, support module design, course leadership and student experience, as well as leading the development of research projects. In addition to establishing new research you will also be actively involved in producing high quality publications and contributing to the School's Research Excellence Framework (REF).

The School aims to establish its leadership in ***Artificial Intelligence (AI) Technology in Fashion Design and Retailing*** by effectively integrating the latest data analytics and design technologies, concepts, materials and manufacturing techniques into fashion clothing design and retailing. The proposed fellowship will focus on distinct areas within product manufacturing looking to establish a new fashion design and retailing philosophy based on Artificial Intelligence and data analytics technology. Coupled to the innovative use of digital design and engineering of functionality, green chemistry and recycling into fashion products the Fashion industry can then better respond to consumer demands and improve sustainability and profitability.

Allied to this challenge has been the recent award of ***AHRC Creative Clusters funding (Future Fashion Factory)*** to the School of Design which has given further momentum to the aim of effectively integrating digital design and technology into fashion clothing within a 21st century circular economy. It is expected the UAF will provide a coordinating and complementary focus for this strategic UK project where high value products will be recycled into valuable by-products rather than low value waste materials.

Career Pathway: Tenure track equivalent post requiring successful completion of a 5 year development plan, leading to appointment to a grade 9 Associate Professor, with the potential for accelerated progression.

What does the role entail?

As a University Academic Fellow your main duties will include:
- Pursuing a programme of individual and collaborative research, resulting in high quality publications and a national and international profile and engaging with industry as appropriate to attract and co-ordinate major initiatives;
- Promoting the integration of your own research area with other research interests, in the School, Faculty and University;
- Attracting research funding individually and collaboratively to underpin high quality research activity and research programmes/projects;
- Developing a strategy to ensure that your research has the potential for impact beyond academia;
- Undertaking research-led teaching at different levels, with engagement in continual improvement in response to student and other feedback;
- Contributing to the design, development and planning of teaching modules and policy within the subject area as required;
- Working in partnership with students to provide outstanding education and an excellent student experience;
- Contributing to the management of the School or cross university interdisciplinary initiatives by taking on appropriate leadership, management and administrative responsibility;
- Leading academic initiatives and projects in research and student education which facilitate School, Faculty and/or University development;
- Participating in the recruitment, management and development of staff as well as acting as a mentor to less experienced colleagues;
- Contributing to the development of the discipline or research area, e.g. through organisation of conferences or membership of key bodies setting the strategic direction of the area;
- Contributing to the development and achievement of University, faculty and school strategy within the context of an international, research-led university;
- Becoming a specialist in the field, developing and maintaining an external profile as appropriate to the discipline;
- Maintaining your own continuing professional development;
- Carrying out the duties of the post in accordance with University policies, procedures, values and standards, including the Leadership and Management standard.

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.

What will you bring to the role?

As a University Academic Fellow you will have:
- A PhD (or equivalent qualification) in Artificial Intelligence technology or data analytics;
- Significant research experience in the application of Artificial Intelligence technology or data analytics in manufacturing, retailing or design;
- A clear and compelling academic plan that will deliver academic and more general impact at an international level;
- A clear strategy to connect across the different research groups within the University;
- Significant proven research experience within the academic discipline with a developing record of internationally excellent publications;
- Experience of presenting at national and international conferences and/or symposia;
- Evidence of building strong working relationships within and, as appropriate, beyond your own discipline and to contribute to successful projects and collaborations;
- The potential and commitment to undertake high quality and innovative teaching and gain a higher education teaching qualification or award;
- Experience of delivering and engaging with student education where opportunities have existed;
- A high level of interpersonal and communication skills, and a strong ability to communicate effectively in writing and verbally with students, academic and external audiences;
- The ability to lead projects and organise, balance and prioritise work commitments.

You may also have:
- The ability to write code in languages such as MATLAB and Python;
- A successful track record in gaining significant independent research funding;
- Experience of leading on projects and initiatives, including managing resources and conflicting priorities within challenging circumstances;
- A growing track record of successful and innovative teaching at both undergraduate and/or postgraduate level;
- Experience of involvement in postgraduate research supervision;

- Experience of working collaboratively with external partner organisations;
- Experience of mentoring in the workplace.

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:

Chris Carr, Head of School of Design
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Email: c.carr@leeds.ac.uk

Additional 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.