

Research Role Profile

Job Title:	Research Fellow for the EPSRC DECaDE Centre
-------------------	---

Responsible to:	Head of research group, or principal investigator
------------------------	---

Responsible for:	Not applicable
-------------------------	----------------

Job Summary and Purpose:
To undertake research in accordance with the specified research project(s) under the supervision of the principal investigator.

Main Responsibilities/Activities
<p>To undertake a range of research activities within a specified research area, assuming responsibility for specific areas of projects and making use of new research techniques and methods, in consultation with the research award holder or supervisor. This may include fieldwork, interviews, laboratory experimentation, critical evaluation and interpretation, computer-based data analysis and evaluation or library research.</p> <p>Using initiative and creativity to identify areas for research develop new research methods and extend the research portfolio. Analysing and interpreting results of own research. Write up results and prepare papers for submission to appropriate journals and conferences, and other outputs as required and/or appropriate. Attend appropriate conferences for the purpose of disseminating research results of personal development. The post holder may also contribute to writing bids for research grants and will contribute to collaborative decision making with colleagues in areas of research.</p> <p>Continually to update knowledge and develop skills, and translate knowledge of advances in the area into research activity.</p> <p>To plan and manage own research activity in collaboration with others. To carry out administrative tasks associated with specified research funding, for example risk assessment of research activities, organisation of project meetings and documentation. Implementation of procedures required to ensure accurate and timely formal reporting and financial control.</p> <p>To contribute to teaching in the Faculty by carrying out student supervision and/or demonstrating within the post holder's area of expertise and under the direct guidance of a member of departmental academic staff, as appropriate.</p> <p>The post holder may occasionally be required to supervise more junior research staff.</p>

Research Role Profile

Person Specification

The post holder must have:

A doctoral degree in a relevant discipline (although individuals who have almost completed a doctoral degree may be appointed). Consideration may also be given to individuals who do not hold a doctoral degree but have required skills based on a number of years experience in specified / relevant fields
--

The post holder will have authority over some aspects of project work and must be capable of providing academic judgement, offering original and creative thoughts and be able to interpret and analyse results.
--

Relationships and Contacts

Direct responsibility to the principal investigator or academic supervisor. The post holder may be asked to serve on a relevant Faculty committee. There may be additional reporting and liaison responsibilities to external funding bodies or sponsors. The post holder may work on original research tasks with colleagues in other institutions.
--

Special Requirements

To be available to participate in fieldwork as required by the specified research project

All staff are expected to:

- Positively support equality of opportunity and equity of treatment to colleagues and students in accordance with the University of Surrey Equal Opportunities policy.
- Help maintain a safe working environment by:
 - Attending training in Health and Safety requirements as necessary, both on appointment and as changes in duties and techniques demand
 - Following local codes of safe working practices and the University of Surrey Health and Safety Policy
- Undertake such other duties within the scope of the post as may be requested by your Manager.

Research Role Profile

Addendum

This document provides additional information relating to both specific aspects of the post/faculty and any post specific person specification criteria. The information contained within this document should always be read in conjunction with the accompanying generic Role Profile.

Job Title:	Research Fellow for the EPSRC DECADE Centre
-------------------	---

Background Information/Relationships

We seek a post-doctoral Research Fellow with expertise in digital economy, copyright/IP, AI, blockchain, or technology adoption.

This post is for a 6-month position to undertake research that links work across two parts of the DECADE project – computer science and the Business School. The focus is on mapping the AI data supply chain. The project conceptualises the AI data supply chain as a system of acquisition, transformation, and utilisation of data inputs. Key areas of data captured by AI models that need to be mapped include: large-scale historical data from scraped from the internet, which may or may not have been taken with permission; proprietary datasets that have been purchased for use under commercial or licensing agreements; data retrieved in real time from the internet to provide contextual data - Retrieval Augmented Generation (RAG) data. The project will investigate the interactions and overlaps across data sources, various uses (e.g., training, testing, fine-tuning, post-processing, evaluation, etc.), and data attributes. The researcher will be responsible for mapping information and monetary flows in a similar way to traditional supply chains. We are interested in understanding the challenges of rewards mechanisms and compensation for individual and organisation producing the data, particularly for those in the creative industry sector. Their work is frequently taken with no recognition or mechanism for rewards. The study will review the current processes and assess opportunities for improvement. The main expected output of the work is an academic paper, which may speak to supply chain, IP and/or an economic models of rewards for AI data use.

The position is part of an EPSRC cross-disciplinary research project titled Next Stage Digital Economy Centre in the Decentralised Digital Economy (DECADE) www.decade.ac.uk

<https://gow.epsrc.ukri.org/NGBOViewGrant.aspx?GrantRef=EP/T022485/1>

Person Specification

This section describes the sum total of knowledge, experience & competence required by the post holder that is necessary for standard acceptable performance in carrying out this role. This is in addition to the criteria contained within the accompanying generic Role Profile.

	Essential/ Desirable
A PhD in Business and Management with suitable insight to relevant theory. You will need a high degree of organisation and the ability to plan and manage your own studies are essential. You will need to be able to offer	E

Research Role Profile

thought leadership and hit the ground running. A knowledge of suitable management publication outlets is essential.	
(if other subject contact Prof Parry and discuss why you would be suitable)	
Excellent communication skills	E
Ability to work with other disciplines, industry and government	E
Available to travel to other Universities on the project	E
Have experience of publishing in journals	D
Have experience of collaborative EPSRC projects	D
Experience of some of areas related to the project – which may include Blockchain, software development, engineering management, the design, manufacture and deployment of technology	D
Key Responsibilities This document is not designed to be a list of all tasks undertaken but an outline record of any faculty/post specific responsibilities (5 to 8 maximum). This should be read in conjunction with those contained within the accompanying generic Role Profile.	
The individual will need to work towards the project goals: <ul style="list-style-type: none"> • Take a lead role in developing the research, working with industry and Government. • Write a journal article on how AI models use data and the rewards (or not) provided to those creative industry professionals • Primary research is required. N.B. The above list is not exhaustive.	