

# PERSON SPECIFICATION

# Senior Research Associate (Grade 7), Lancaster University

**Senior Research Associate (Grade J), University of Bristol**

**Research Associate (Grade 7), University of Edinburgh**

**Research Associate (Grade 6), University of Manchester**

**Research Fellow (Grade 6), University of Warwick**

**Prob\_AI Hub**

**Vacancy reference: 0719-24**

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| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| Have, or about to obtain, a relevant PhD (Mathematics, Statistics, Machine Learning or a closely related discipline) | Essential | Application Form |
| Excellent communication and interpersonal skills | Essential | Application Form/Interview |
| Experience in research methods relevant to the research programme, including strong computer programming skills, in python/R/C or equivalent languages. | Essential | Application Form/ Supporting Statement/ Interview |
| Demonstrative ability to build up a strong publication record within the next few years | Essential | Application Form/ Interview |
| Specialist knowledge in areas relevant to the research programme: For example, Bayesian statistics, Machine Learning, Numerical Analysis, PDEs, Probability, Stochastic Analysis, Uncertainty Quantification. This must include evidence of the ability to develop new mathematical understanding or new methodology, and relevance to projects linked to the specific post(s) applied to. (Prior research experience of AI is not necessary.) | Essential | Supporting Statement/Interview |
| Ability to liaise confidently and effectively with a range of individuals, including non-academic stakeholders. | Desirable | Application Form/ Supporting Statement/ Interview |
| Ability to work independently and as part of a team | Desirable | Interview |

* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
* **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.