**PERSON SPECIFICATION**

**SENIOR RESEARCH ASSOCIATE: GRADE 7**

**AI Security**

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| Educational and/or Professional Qualifications  (E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable) | **Essential/ Desirable** | **Assessment Method** |
| PhD (or equivalent professional experience) in Computer Science | Essential | Application/CV |
| Membership/working towards membership of relevant Chartered/professional bodies (including Higher Education Academy). | Desirable | Application/CV |
| Experience |  |  |
| Sufficient breadth or depth of knowledge in the relevant discipline/s to effectively contribute to the research programme/s and to the development of research activities. | Essential | App/CV/ Interview |
| Experience of AI security, Adversarial Machine Learning, or Distributed Systems | Desirable | Application/CV |
| Experience of relevant student supervision and teaching activities. | Desirable | App/CV/ Interview |
| Experience of knowledge exchange related activities. | Desirable | App/CV/Interview |
| Job Related Skills and Achievements |  |  |
| Knowledge and skills within cyber security and/or Artificial Intelligence | Essential | App/CV/ Interview |
| An established track record in publishing research within globally recognised conferences and journals related to cyber security, Artificial Intelligence, or distributed systems. | Essential | Interview |
| Good programming skills and creating software prototypes | Desirable | Interview |
| Working with neural networks, ideally transformer architectures. | Desirable | Interview |
| Personal Attributes |  |  |
| Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences. | Essential | App/CV/ Interview |
| Ability to work within a team environment. | Essential | App/CV/ Interview |

* **Application Form** – assessed against the application form and curriculum vitae. Applicants will not be asked to make a specific supporting statement. Educational qualifications will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant 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.