

Person Specification

Ref: A2370-R

Criteria	Essential/ Desirable	Application Form/ Supporting Statement Interview*
An undergraduate degree containing elements of software engineering and/or data science.	Essential	Application form
Experience in at least one of the following areas: <ul style="list-style-type: none"> - cloud computing, including data storage and querying - notebook technologies, such as Jupyter (http://jupyter.org) - semantic data - natural language processing 	Desirable	Supporting Statements/Interview
Must be able to communicate effectively in a non-academic environment and be comfortable translating academic approaches for a business audience using written and spoken/visual communications	Essential	Supporting Statements/interview
Interest and enthusiasm in working at the interface between science and application within a business context, and commitment to completing the project.	Essential	Supporting Statements/Interview
Effective interpersonal skills including evidence of working collaboratively within a team	Essential	Supporting Statements/Interview
Evidence of using initiative, being flexible and well organised.	Essential	Interview
Ability to convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form
Training and demonstrable interests in environment or infrastructure engineering	Desirable	Supporting Statements/Interview
Previous exposure to conducting or interpreting research in a business environment	Desirable	Application Form

Willingness to produce research outputs in terms of publications, presentations at conferences and patents.	Desirable	Application Form
Publications record appropriate to stage of career including first author research publications in peer-reviewed journals or conferences	Desirable	Application Form

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. 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.