

**SENIOR RESEARCH ASSOCIATE IN MACHINE LEARNING AND GEODESY**

These criteria are provided as examples appropriate to the type of post mentioned, but may not be relevant for all posts. All criteria marked as “application form” or “supporting statements” will need to be scored by panel members as part of the short listing process - t**hese should be limited to a maximum of eight and ranked in descending order of importance.**

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| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| Have completed, or be close to completing, a PhD in machine learning and satellite geodesy. | Essential | AF |
| Experience of processing and exploitation of satellite radar altimetry data over ice sheets. | Essential | SS/I |
| Experience of applying deep learning approaches to radar altimetry or digital elevation model data. | Essential | SS/I |
| Experience of designing and implementing efficient satellite processing workflows on high performance compute. | Essential | SS/I |
| An appropriate rationale and interest in applying for this particular post. | Essential | SS/I |
| A high standard of computer programming in python. | Desirable | SS/I |
| Ability to work independently and proactively. | Desirable | I |
| Effective interpersonal skills and evidence of ability to work as part of a team. | Desirable | I |

* **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.