

**PERSON SPECIFICATION: BIOINFORMATICS RESEARCH TECHNICIAN**

**INFORMATION FOR APPLICANTS:** Below are the skills, knowledge, and competencies we need for this role, categorised as either essential or desirable. The final column shows where the hiring team will look for your examples to demonstrate that you're a suitable fit for this position. Further advice and guidance is available here: <https://www.lancaster.ac.uk/jobs/how-to-apply/>

|  |  |  |  |
| --- | --- | --- | --- |
| Skills, knowledge, and competencies needed for this role. | Evidence: this explains what information we will be looking for. | Essential or Desirable # | This is where we will look for your examples that help understand if you are right for this role. |
| A postgraduate degree or extensive equivalent experience in Computer Science, Bioinformatics or related disciplines with computational components | Use the supporting statement text box to give concrete examples demonstrating extensive experience in either field if your degree is not in Bioinformatics or Computer Sciences. | Essential | Application Form, CV and Supporting Statement. |
| Experience in developing, implementing and using omics (such as transcriptomics, metagenomics, proteomics, or metabolic modelling) analysis pipelines | Use the supporting statement text box to provide an example of when you have developed, implemented and applied omics pipelines. | Essential | Supporting Statement, Interview. |
| Effective computer programming skills in R and/or Python | List your programming skills (languages and platforms) in your CV and proficiency level. Use the supporting statement text box to provide examples where you successfully applied those skills. | Essential | CV, Supporting Statement, Interview. |
| Outputs appropriate to career stage and roles taken | List your co-authored peer-reviewed publications, patents, software packages as appropriate in your CV and in the supporting statement. | Essential | CV and Supporting Statement. |
| Experience of quantitative research such as study design, managing projects, quality assuring and analysing data | Use the supporting statement text box to provide an example of when you have designed and led a project involving data quality insurance and data analysis. | Essential | Supporting Statement, Interview. |
| To convey an appropriate rationale and interest in applying for this particular post. | Use the covering letter to explain why you are interested in this particular post. | Essential | Covering letter, Interview. |
| Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues and students. | Use the covering letter and supporting statement text box to provide examples of working effectively with and training or guiding colleagues and students. | Essential | Covering letter, Supporting Statement, Interview. |
| Excellent organisational skills and ability to manage several project tasks in parallel. | Use the supporting statement text box to provide an example of working successfully across several projects while keeping organised. | Desirable | Supporting Statement, Interview. |

**# Essential** - if you do not effectively demonstrate you have this skill, knowledge, or competency we will not be able to shortlist you. Please give detailed answers to provide us with examples.

1. **Application Form and uploaded CV and covering letter** – assessed against the first page of the Application Form and your uploaded curriculum vitae (CV, resume) and letter of support. Normally this section is used to evaluate factual elements such as an award of a qualification. This element will be scored as part of the shortlisting process.
2. **Supporting Statements** – you will be asked to provide a statement in the online portal to demonstrate how you meet the criteria. Please give detailed answers to show you have the skills, knowledge or competency. The response will be scored as part of the shortlisting process to help us determine which candidates to invite to interview. Examples of how to structure your answer is available: <https://www.lancaster.ac.uk/jobs/how-to-apply/>
3. **Interview** – you will be asked about this topic if you are invited to an interview. We may ask questions using examples from your current work history or ask you to think about how you’d respond to an example work-related situation.
4. **Test -** We might ask you to undertake a skills test, but you will be given some notice if this is the case.