

Person specification

Senior Research Associate - Bioinformatician (RIPE)

Ref: A2771

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
PhD in Bioinformatics, Computational or Molecular Biology or a related discipline	Essential	Application Form
Experience with analysis of next-generation sequencing datasets for gene expression studies	Desirable	Supporting Statements/Interview
Experience with Genome Wide Association Studies (GWAS)	Desirable	Supporting Statements/Interview
Experience with development and application of custom statistical methods and algorithms using large datasets	Essential	Supporting Statements/Interview
Ability to work independently and lead research papers	Essential	Supporting Statements/Interview
Experience of working with crop species, understanding of photosynthesis and crop improvement	Desirable	Supporting Statements/Interview
Knowledge of running, producing and improving bioinformatics pipelines; proven track record in the use of programming languages	Essential	Supporting Statements/Interview
Attention to detail, good organisational skills, excellent record-keeping; accuracy in documenting research	Essential	Supporting Statements/Interview
Publication record appropriate to stage of career, including recent first authored research publications	Essential	Application Form
Ability to present information and communicate research in an accurate and appropriate format	Essential	Supporting Statements/Interview
Effective interpersonal skills including evidence of working collaboratively within a multidisciplinary team	Essential	Supporting Statements/Interview
Proactive and hard-working with a high degree of initiative, enthusiasm and positive attitude	Essential	Supporting Statements/Interview
Ability to travel abroad as the work demands	Desirable	Supporting Statements/Interview
Convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form/Interview

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- **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.