

**PERSON SPECIFICATION**

**Senior Research Infrastructure Engineer: Maths & Stats**

**Vacancy Ref:**

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| **Criteria**  | **Essential/ Desirable**  | **Application Form/** **Supporting** **Statements/ Interviewi**  |
| **Qualifications** |
| Qualified at least to first degree level (or equivalent) or have relevant, extensive career experience.  | Essential  | Application Form  |
| Relevant IT vendor certification or qualifications.  | Desirable  | Application Form  |
| **Experience & Skills** |
| Demonstrable experience, knowledge and skills in the following areas of specialisation:* Deployment, management and maintenance of Linux or Windows workstations and servers.
* Experience with at least one Unix-based operating system, including scripting languages ideally in a service environment.
* Providing an excellent support service to users and researchers at all levels of technical understanding.
* Working with users to understand requirements and propose solutions appropriate to their research requirements.
 | Essential | Supporting Statements / Interview  |
| Experience in one or more of the following areas would be beneficial:* Use of programming or scripting tools such as Bash, Python, Perl, C# or C++.
* Use of SSSD to leverage Microsoft Active Directory for authentication.
* Automated systems for deployment and configuration management (e.g. Ansible/AWX/Puppet).
* System monitoring
* Experience of building and managing containerised environments (e.g. Kubernetes).
* Experience of working with micro-services and web API’s in production environments.
 | Desirable | Supporting Statements / Interview  |
| Up-to-date experience of Linux administration and orchestration and automation technologies | Desirable | Supporting Statements / Interview  |
| Up-to-date administration skills in Microsoft Windows and Active Directory, ideally gained in a service environment.  | Desirable | Supporting Statements/Interview  |
| Up-to-date experience of Server management in a VMware or other Hypervisor environments.  | Desirable  | Supporting Statements/Interview  |
| **Skills and Abilities** |
| Excellent communication skills (presentational, written and verbal) with an ability to explain technical issues clearly in documents and directly to users.  | Essential  | Supporting Statements/Interview  |
| Excellent organizational, planning, and problem-solving skills with a successful record of accomplishment. Adaptability and resourcefulness in meeting conflicting demands and priorities. | Essential  | Supporting Statements/Interview  |
| An understanding of the Higher Education sector.  | Desirable  | Application Form / Interview  |
| Willing to complete further studies and in role development; for example through attendance at appropriate training courses, workshops, and seminars. | Essential | Supporting Statements / interview |
| Provide high quality thinking to ideas development, challenging standard workflow approaches to find more effective ways. | Desirable | Supporting Statements/Interview  |
| Experience of working in a service-based organisation using a methodology such as ITIL.  | Desirable  | Interview  |
| Experience of formal project management practices.  | Desirable  | Interview  |
| Familiarity with contemporary legislation and best practice covering information systems and services.  | Desirable  | Interview  |
| Able to think strategically, recognising trending and drive developments, with a good understanding of digital and university strategy applied to make good decisions. | Desirable | Supporting Statements/Interview  |
| Able to negotiate and mediate any disagreements, recognising the value of conflict and able to choose when to compromise. | Essential | Supporting Statements/Interview  |
| Ability to adjust their own behaviour to accommodate different working styles and perspectives of others, initiating contacts and building good working relationships.  | Essential | Supporting Statements/Interview  |
| Able to help other team members, encouraging others to treat each other with respect. | Essential | Supporting Statements/Interview  |
| Able to communicate thoughts in a well organised manner and make effective presentations to small groups. | Essential | Supporting Statements/Interview  |

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 **Application Form** – assessed against the application form, curriculum vitae and letter of support. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.

**Supporting Statements** - applicants 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 or presentation etc.