

**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.