

**PERSON SPECIFICATION**  
**Research Associate - ABC**  
**Vacancy Ref: A2891**

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
BSc degree or equivalent experience in Computer Science or a related discipline	Essential	Application Form
PhD degree or equivalent experience in Computer Science or a related discipline	Desirable	Application Form
Experience in the distributed systems design, algorithms, architectures, and systems-level software development	Essential	Supporting Statements / Interview
Experience of system evaluation, including experimental design, data capture, and data analysis	Essential	Supporting Statements / Interview
Expertise in at least one of the research areas related to the project including cloud computing, machine learning, benchmarking.	Essential	Application Form / Interview
Experience of designing, engineering and maintaining large-scale software projects	Essential	Application Form / Interview
Experience of systems programming / hacking	Essential	Application Form / Interview
Experience in technical writing of high-impact peer-reviewed publications and project reports	Desirable	Application Form / Interview
Good oral and written communication in English Language, including presentation skills	Essential	Application Form
Ability to adhere to deadlines, and strive to achieve important milestones	Essential	Supporting Statements / Interview
To convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form
Ability to work independently and to assist with the technical project management of a collaborative project	Essential	Supporting Statements / Interview
Effective interpersonal skills including evidence of working collaboratively within a team	Essential	Supporting Statements / Interview
Ability to represent Lancaster University and the consortium as a whole at national and international meetings and conferences related to the project	Essential	Application Form / Interview
Publication record in peer-reviewed journals or conferences, appropriate to stage of career	Essential	Application Form
An understanding of Cloud APIs and development environments (e.g., EC2 and GCE) and container-based systems (e.g., Docker)	Essential	Supporting Statements / Interview
Ability to undertake proactive strategic planning, e.g., planning and writing follow on project proposals	Desirable	Interview
Ambition and ability to develop new areas of study including submissions for grants	Desirable	Interview
Working with project stakeholders from industry	Desirable	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 e.g. award of a degree. 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 competency based interview questions, tests, presentation etc.