

PERSON SPECIFICATION

Senior Research Associate/ Research Associate: Prognostic modelling of electric battery ageing

Ref: A3310

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
Experience in machine learning and AI	Essential	Supporting Statements/Interview
Proficient software development skills, including experience of, e.g., Matlab, Python and/or C	Essential	Supporting Statements/Interview
A strong research or development background in one or more of neural networks, machine learning, statistical and deep learning	Essential	Supporting Statements/Interview
Publications record appropriate to stage of career including research publications in peer-reviewed journals and conferences	Essential	Application Form
Effective interpersonal skills including evidence of working collaboratively within a team	Essential	Supporting Statements/Interview
Ability to adhere to deadlines, and strive to achieve important milestones	Essential	Supporting Statements/Interview
Experience working on collaborative research projects	Essential (7) Desirable (6)	Application Form
Ability to represent Lancaster University and the consortium as a whole at national and international meetings related to the project	Desirable	Supporting Statements/Interview
A PhD (or equivalent experience) in Computer Science, preferably with a focus on machine learning or AI	Essential (7) Desirable (6)	Application Form
To convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form

- **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.