

PERSON SPECIFICATION

Senior Research Associate (Grade 7)

Ref: A3250

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview *
A PhD in Machine-Learning/Signal-Processing or closely related discipline, or on track to submit within reasonable time frame.	Essential	Application Form
Good verbal and written communication skills	Essential	Application Form/Interview
Strong statistical computing skills, including programming in MATLAB/R/Python or similar languages.	Essential	Application Form/ Supporting Statement/ Interview
Demonstrable ability to publish, including the ability to produce high-quality academic writing as evidenced by publication in leading Machine-Learning/Signal-Processing related journals/conferences.	Essential	Application Form/ Interview
Previous research experience in areas relevant to the EUED programme: recommender systems, federated/distributed learning, high dimensional statistics, inverse-problems, signal-processing, time-series analysis, or optimisation	Essential	Supporting Statement/Interview
Good team working skills	Essential	Interview
Experience of developing and deploying publicly available documented software tools (i.e. GitHub/pip/CRAN)	Desirable	Application Form/ Interview
Experience of working with external (non-academic) stakeholders	Desirable	Application Form/ Supporting Statement/ Interview

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. 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, presentation etc.