

PERSON SPECIFICATION
Senior Research Associate and Impact Fellow
Vacancy Ref: A2703

Criteria	Essential/ Desirable	* Application Form / Supporting Statements/ Interview
An undergraduate degree in Physics, Computer Science or other relevant scientific subject	Essential	Application Form
A PhD in a subject relevant to the field of optics, semiconductor physics, cyber security, secure communications or related, or an equivalent level of experience in industry	Essential	Application Form
Knowledge of physics relevant to optics, optoelectronic, basic quantum mechanics, quantum materials	Desirable	Application Form and interview
Able to manage a project involving several people	Essential	Supporting Statements and interview
Able to work collaboratively, as part of a team	Essential	Interview
Experience in programming (e.g. Python, Java, C++ or Matlab etc.)	Essential	Supporting Statements and interview
Experience in programming on Android or iOS mobile platforms	Desirable	Supporting Statements and interview
Demonstrated ability to learn new analytical and experimental techniques through self-directed learning	Desirable	Supporting statements and interview
Good verbal, communication and interpersonal skills	Essential	Interview
Willingness to travel to visit international collaborators and give presentations at conferences	Essential	Interview
Ability to conduct high quality research and publish results in journals	Desirable	Supporting statements and interview

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- **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 e.g. 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.