

PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

Job Title: PDRA in Cryptography (AquaSec)

Department: Information Security Group

| | Essential | Desirable | Tested by (Application form, Interview, Test) |
|--|-----------|-----------|---|
| Knowledge, Education, Qualifications and Training | | | |
| BSc and/or MSc in relevant discipline | X | | Application Form |
| PhD in relevant discipline | | X | Application Form |
| PhD in relevant discipline near completion | X | | Application Form |
| Research Experience | | | |
| Cryptography | X | | Application Form / Interview |
| Publications in leading journals/conferences | | X | Application Form |
| Skills and/or Abilities | | | |
| Cryptographic Protocol Design & Analysis | | X | Application Form/ Interview |
| Post-Quantum Cryptography | | X | Application Form/ Interview |
| Personal and Interpersonal Qualities | | | |
| Willingness and ability to collaborate | X | | Application Form/ Interview |
| Effective communication: written and verbal | X | | Application Form/ Interview |
| Ability to work independently | X | | Application Form/ Interview |
| Creativity and originality in research | X | | Application Form/ Interview |
| Circumstances | | | |
| Willingness to travel internationally | X | | Application Form/ Interview |