

PERSON SPECIFICATION – ST0045 Software Engineer

Specification	Essential	Desirable	Examples Measured by
Education and Training Formal qualifications and relevant training	<ul style="list-style-type: none"> Degree in Computer Science or a related subject with relevant practical experience in Software Development. 	<ul style="list-style-type: none"> MSc on a relevant topic. 	Application Form / CV Documentary Evidence References
Work Experience Ability to undertake duties of the post		<ul style="list-style-type: none"> Relevant experience as a Software Engineer. Relevant practical experience in 3D graphics Software Development. Experience in developing software for Virtual Environments and/or Scientific Visualisation. 	Application Form / CV Interview Performance of task / test at interview
Skills and Knowledge Includes abilities and intellect	<ul style="list-style-type: none"> Good knowledge of the Software Engineering process. C++ Software Development experience. An understanding of object-oriented design. 	<ul style="list-style-type: none"> Experience with Software Version Control systems. Graphics programming experience Good mathematics skills relevant to graphics. 3D modelling skills. Software project management. Supervision of software development staff. Quality systems. 	Application Form / CV Interview
Personal Qualities Includes any specific physical requirements of the post – (subject to the provisions of the DDA Act)	<ul style="list-style-type: none"> Good organisational, time management and reporting skills, and ability to meet deadlines. A positive and proactive attitude to problem solving. Ability to work effectively as part of a team. Effective communication skills (both verbal and written). Enthusiastic and conscientious. 		Application Form / CV Interview Medical Questionnaire (as appropriate)