

PERSON SPECIFICATION

Software Engineer – UI/UX Specialist

	Essential	Desirable	Method of assessment
Qualifications			
Higher education qualification in science, psychology or computer software development <i>or equivalent</i>	E		CV + Int
Experience			
Experience with cross platform UI design	E		CV + Int
Experience of writing code in C++		D	CV + Int + A
Experience with Python		D	CV + Int + A
Experience working with the Qt Application Framework		D	CV + Int
Experience working in a commercial software environment	E		CV + Int
Experience with typical UI design and prototyping tools (e.g., Qt Designer, Balsamic)	E		CV + Int
Experience with typical automated UI test tools (e.g., Squish, Sikuli-X)		D	CV + Int
Appreciation of professional programming practices (source control, documentation, unit testing etc.)	E		CV + Int + A
Experience of running user forums, UI workshops, usability testing etc.	E		CV + Int
Experience of Agile development methodologies		D	CV + Int
Knowledge			
Ability to comprehend scientific challenges relevant to our customers		D	CV + Int
Familiarity with software packages typically used by our customers		D	CV + Int
Familiarity with technologies relevant to delivery of our products (e.g. Qt5, Web Services)		D	CV + Int
Demonstrated graphic design skills		D	CV + Int
Personal Skills and Abilities			
Excellent oral and written communications skills	E		CV + Int
Excellent interpersonal skills	E		CV + Int
Ability to work to tight deadlines and manage complex workload	E		CV + Int
A desire and aptitude to learn additional technologies	E		Int

A pro-active, self-motivated person, comfortable taking responsibility and working with limited supervision	E		CV + Int
Comfortable communicating with non-developer scientists with understanding of their motivations and challenges	E		Int

E – Essential, D – Desirable, Int – Interview, A – Assessment