

PERSON SPECIFICATION
Senior Research Associate – Chatty Factories
Vacancy Ref: A2903T

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
A demonstrated research record and potential to publish in top-quality, peer-reviewed international conferences and journals related to this post.	Essential	Application Form
Experience and expertise in designing, prototyping and/or evaluating interactive software tools.	Essential	Application Form/Supporting Statements/Interview
Experience of successfully working in research-intensive projects with strict schedules	Essential	Application Form/Supporting Statements
Outstanding communication and presentation skills, including the ability to present technical information in an accurate, convincing and engaging way.	Essential	Interview
Experience working with programming languages (such as Java, Processing, Three.js) to quickly prototype interactive visual tools.	Essential	Application Form/Supporting Statements
A PhD (or about to complete) in Design, Computer Science, Engineering, or a related discipline.	Desirable	Application Form
Demonstrated ability and/or enthusiasm to conduct research into the future of digital twins for design applications.	Desirable	Application Form/Supporting Statements /Interview
Experience working with Telemetry data.	Desirable	Application Form/Supporting Statements
An interest in mountain biking, downhill racing or bike design.	Desirable	Interview
Experience of working with databases such as MongoDB	Desirable	Supporting Statements
Experience of working with parametric CAD modelling software such as Fusion360, Solidworks, Grasshopper.	Desirable	Application Form/Supporting Statements

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicant 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.