PERSON SPECIFICATION
Research Associate – Chatty Factories
Vacancy Ref: A2903

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
A demonstrated passion for exploring digital design processes and 3D modelling techniques that utilise emerging technologies.	Essential	Supporting Statements
A PhD (or about to complete) in Design, Computer Science, Engineering, or a related discipline.	Essential	Application Form
A demonstrated research record and potential to publish in top-quality, peer-reviewed international conferences and journals that relate to this post.	Essential	Application Form
A demonstrated capacity to work independently and potential to generate conceptual ideas relating to future digital design tools and develop and evaluate these ideas as technical prototypes.	Essential	Application Form/Supporting Statements/Interview
Experience of successfully working in research-intensive projects with strict schedules	Essential	Application Form/Supporting Statements
Excellent communication and presentation skills, including the ability to present technical information in an accurate, convincing and engaging way	Essential	Interview
Experience of working with advanced 3D modelling and/or BIM softwares that use visual programming interfaces such as Dynamo, Grasshopper, Houdini.	Desirable	Application Form/Supporting Statements
Experience of working with CAD modelling software such as Fusion360, and ability to develop basic plugins for these tools (or capacity to learn quickly).	Desirable	Application Form/Supporting Statements
Experience of working with programming languages such as Java (e.g. Processing), C#, C++.	Desirable	Application Form/Supporting Statements
Experience of software/hardware integration using technologies such as Ardunio and basic sensors.	Desirable	Application Form/Supporting Statements
Experience of designing, implementing, testing and evaluating systems built using a combination of the aforementioned technologies.	Desirable	Application Form/Supporting Statements/Interview

*

- **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 e.g., award of a PhD. Will be 'scored' as part of the shortlisting process.
- **Supporting Statements** - applicant are asked to provide statements to demonstrate how they meet the criteria. The response will be 'scored' as part of the shortlisting process.
- **Interview** – assessed during the interview process