



JOB ADVERT – WEB DEVELOPER

ABOUT INTERACTIVE SCIENTIFIC

Interactive Scientific is a company that brings together immersive technology, rigorous science and design to create digital tools for science learning and research. The team has won a number of awards for innovation, science engagement and education, and we have been recognised as one of the UK's most exciting start-ups.

For more information please see our website: www.nanosimbox.com

We are a team of 12 people based at the Engine Shed, Bristol, where this post will be located. Our current space is divided between our office and the Oracle Start Up Accelerator. We are committed to equality in the workplace and we endeavor to make our working environment accepting to all.

ABOUT NANO SIMBOX

Our flagship product is Nano Simbox, after 4 years of intensive technology development we are on the cusp of releasing Nano Simbox K-12 (NSB K-12) to the education market. We have designed Nano Simbox to make science learning more inclusive, engaging and relevant to the everyday lives of learners.

JOB DESCRIPTION

Interactive Scientific Ltd requires an experienced web developer to be part of our product development team as we develop a suite of products based on our Nano Simbox technology. The successful candidate will be initially focused on Nano Simbox for secondary education (NSB K-12).

We are ultimately looking for a person to join our team permanently, however we are looking for someone who can start as soon as possible, so we will consider contractors for this role.

As a small team with a strong vision and a mission that involves high growth and social impact in education and science research we are looking for someone who will complement the current team and be able to work effectively in the team.

SALARY

The salary allocated for this role is £35000 pro rata and the role is a full-time role.

SKILLS AND EXPERIENCE

We are looking for an experienced web developer with the following skills and experience:

- Excellent JavaScript
- Excellent TypeScript
- A strong grasp of Angular4



- Experience in Single Page Applications
- Comfortable working within a startup or agile team

In addition, it would be beneficial for the person to have experience with:

MongoDB, Kubernetes, Docker, NGINX

We would be particularly interested to interview someone with experience/a keen interest in science and/or education.

JOB SPECIFICATION

The job will involve building websites to specification using an iterative design philosophy, to include (but not be limited to):

- Development of tooling for adding web content
- Development of CMS
- Implementation of content
- Building against existing RESTful APIs
- An awareness of data security considerations
- Being an active member of our education and science design team

BACKGROUND INFORMATION

The NSB K-12 product aims to enhance scientific knowledge, understanding and reasoning for school-aged students through bridging the gap between the visible, everyday world and the invisible, molecular world via a phenomenon-based learning approach. Initially the product is aimed at the secondary level. Our other products are focused at university education and scientific research.

A full product description will be made available to applicants on successful progression to interview.

TECHNICAL DEPLOYMENT

Users will access NSB K-12 through a web interface for PCs and mobile use. Most of the user journey will occur via a web interface, except the final 'learning experiences' that contain molecular simulations hosted in the cloud.

All 'learning experiences' are in a native app built using Unity launched via URL. "Launch Learning Experience"

TO APPLY

Please send:

1. An up to date CV
2. Portfolio of work, where possible
3. Short cover letter explaining why you are interested in working for iSci.

to CEO, Dr Becky Sage at: beckysage@interactivescientific.com



CLOSING DATE

Please send your application by **Friday 23rd February 2018.**

Interviews will be held the following week.