

Senior Developer

VR, AR, Unreal (UE4), Unity

Reports to: Technical Director **Date posted:** 13/05/2019

Term: Permanent, Full time **Applications close:** 31/09/2019

Job Overview

We are looking for a Senior Developer to join our team of talented creative artists and pioneering technologists at our Birmingham Immersive Technology Studio.

The role will involve work on an exciting range of virtual reality projects, such as commercial work for agency and brand clients, VR research and development and some time dedicated to creative innovation.

We tailor VR solutions for audiences, using both room-scale VR and 360° video for devices like Gear VR. We work predominantly in game engines, such as Unreal (UE4) and Unity.

This role is based at our studio in Digbeth, Birmingham.

The ideal candidate will have an innate understanding of the necessary coding languages and technical procedures, as well as the ability to clearly explain and demonstrate their approach to colleagues in an effort to create clean, efficient code and educate the team in the technical aspects of VR experiences.

Duties and Responsibilities

- Write and maintain clean, commented code individually and as part of a team
- Troubleshoot and debug a variety of day to day studio issues
- Provide creative and innovative solutions to help optimise applications for VR output
- Design and produce in-house UE4 tooling for UE4
- Mentor and train junior team members if required

Skills and Experience

Required

- 5+ years experience with C++
- Excellent working knowledge of Unreal Engine
- Ability to modify and build engine source code (UE4)
- Proven experience developing optimised applications for room scale VR
- Good working knowledge of Perforce and UE4/VS integration and best practices

Useful

- Experience developing in c# for Unity
- Experience with Windows batch scripting
- Experience with JavaScript
- Shader skills (glsl/hlsl)
- Experience with ARCore and/or ARKit
- Experience working with OpenVR/OpenXR

Qualifications

- Computing / Development related degree or ability to demonstrate equivalent work experience
- A-Level graduate

About Holosphere VR

We are a Birmingham-based immersive technology company, specialising in Virtual and Augmented Realities as well as 3D projection. A team of creative artists and pioneering technologists who feel passionately about the potential Extended Reality has to promote positive change in the world. Our founder started Holosphere VR with the goal of building a technology hub with a skilled team, to create unparalleled business solutions.

We craft world-class, immersive solutions that make a positive impact, and partner with clients of any size to achieve stunning results.

Find out more about us at www.holosphere.co.uk

Small print

Please note that we don't accept CVs or phone calls from recruitment agencies. Holosphere Limited is an Equal Opportunities employer and welcomes applications from all candidates regardless of colour, race, religion, nationality, ethnic or national origin, gender (including gender reassignment), sexual orientation, age, marital status or disability.