

# Engine Programmer

Location: Cambridge, UK

*Virtual Arts is an Augmented, Virtual and Mixed Reality Tech and Content Company Focused on Games, Animations and Experiences for Mobile Devices.*

## Experienced and Junior Programmers welcome

You'll be part of a growing team building exciting new tech for AR, VR and MR and help define the next generation of content-creation applications. Skills and ideas valued higher than experience. Self-motivation and a desire to tackle challenges with a positive can-do attitude are key. An exciting adventure awaits with opportunities for personal development and career progression.

## A day in the life

Work alongside the team creating a tool suite from scratch to enable content developers to design and develop a wide range of products for AR, VR and MR.

Help drive all areas of tech development; engine, tools, libraries and more. Architecting components that go from UI to very low level (close to the hardware).

Work closely with game, content and tech veterans to deliver highly optimized code and advanced features built on years of experience from the team.

Contribute to daily scrum; share, collaborate and discuss challenges in an open and friendly environment.

## Skills you have

- C/C++
- Knowledge of 3D mathematics
- Familiarity with game engines (Unity, Unreal etc. or internal engines)
- Performance analysis and optimization (on mobile devices is a plus)
- Multi-threading

## Skills you might have

- Experience with one or more 3D graphics APIs (OpenGL, DirectX, Vulkan, Metal, etc.)
- Mobile development, e.g. Android, iOS
- High performance networking
- Computer Vision programming
- Deep Learning experience
- SIMD
- Tools development
- Game development process

## Package

We offer competitive salaries, a complete benefit package and equity so you can share in the reward of a growing company.

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If you're excited about the future of AR, VR and MR tech and content or know someone who is drop us an email [jobs@virtualarts.co.uk](mailto:jobs@virtualarts.co.uk) and let's have a chat.