

Alexander Brook Perry

ABOUT

Lead VR Developer primarily working in AR and VR for Film, Brands and Contemporary Art.

WORK EXPERIENCE

Acute Art 2020 – PRESENT
Lead Software Engineer

Framestore 2018 – 2020
Lead Developer

Framestore 2015 – 2018
VR Developer

Freelance 2008 – 2012
Web Developer

EDUCATION

2015 **BSc (hons) Computer Science**
University of Bath

DISSERTATION **Connecting Devices in Augmented Reality Systems**

2011 **A-levels: A*, A, B, C**
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SOFTWARE SKILLS

LANGUAGES C/C++, C#, Python, Go, Java, Shell Scripting, Lua, PHP, HTML, CSS, JS, SQL.

GRAPHICS/ENGINES UE4, Unity, Vulkan, DirectX, OpenGL, Shaders, OpenCL, CUDA

GRAPHICS SOFTWARE Houdini, Blender, Photoshop, Substance Designer & Painter

INFRASTRUCTURE Perforce, Git, Subversion, Ansible, Continuous Integration (Jenkins), CMake, Gradle

MANAGEMENT Team Management, Outsource Management, Agile Workflows

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AWARDS

2017 **Broadcast TECH**
Procam Award for Excellence

PROJECTS

Lead Developer 2019
Dauntless: Fear Simulator

2-person cooperative backtop VR experience for Lionsgate Entertainment World. Players are tracked by over 50 highly accurate cameras that provide a 1 to 1 lineup with the real world environment. Players have full body tracking, props, and narrative driven fans.

Lead Developer 2018
Volkswagen: Hyper Reality Test Drive

VR experience in a real car that is tracked by highly accurate GPS and driven by professional drivers over obstacles and ramps.

Lead Developer 2018
Samsung: A Moon for All Mankind

Low gravity simulator coupled with a VR headset and body tracking to simulate an experience on the moon. Built for Samsung in cooperation with NASA.

Lead Developer 2017
Sky4DVR

4D VR experience with many 4D elements including wind, heat, and vibrating floors.

VR Developer 2016
Fantastic Beasts and Where to Find Them: VR

A flagship Launch title game for Google Daydream that tied into JK Rowling's Fantastic Beasts.