

KYLE BARNES

Location

Garland, TX

Portfolio

www.kylebarnes.dev

Github

<https://github.com/bk301211>

Email

kylebarnes001@gmail.com

Phone

940-231-0154

Strengths

Unity Engine	████████████████████
Unreal Engine	████████████████████
HLSL (Shaders)	████████████████████
C#	████████████████████
C++	████████████████
Python	████████████████
Jenkins CI/CD	████████████████
Perforce	████████████████████
Maya	████████████████
REST / Backend	████████████████

Professional Experience

Senior Developer / Interactive Developer

2017-Present

ReelFX / Flight School Studio

All things Interactive. Game logic and systems, engine tools and pipeline, ar/vr, shaders and simulations, external hardware interaction, web backend and networking, and multi-platform publishing.

Senior Technical Artist

2015-2017

Broadsword Online Games - Heroes of Dragon Age

All technical and 3D tasks including pipeline, builds, tools development, modeling, rigging, animating, particle effects, shaders, scripting, game and engine debugging.

Technical Artist

2014-2015

Electronic Arts - Heroes of Dragon Age

Tools development, 2D interstitial art, modeling, character configuration, general scripting, game and engine debugging.

Freelance Experience

Unity App Developer

2021-2022

Panasonic IAQ

Sole application developer for the Panasonic Healthy Home interactive showcase application. It features a 3D environment, fully custom UI with hover popups, subtitle and TTS systems, dynamic camera moves, all packaged as a web application.

Unity App Developer

2020-2021

Jacuzzi

Sole application developer for interactive kiosks at select Jacuzzi stores. The app featured dynamic content loading, a fully custom UI system, QR code scanning for easy package selections, video and audio playback, and more.

Mobile Application Developer

2013-2014

Peach Local Sourcing

Sole mobile application developer for Peach's iOS platform. The app included database integration, a full chat and notification system, order management, product listings, signup processes, social network integration, and a gorgeous smooth UI.

Mobile Application Developer

2010-2012

Vendevor Corp

Sole mobile application developer for their Android, Iphone, and Ipad apps. The apps included interfacing with a custom Vendevor web api, Amazon S3, SQL database, Facebook, SQL, Twitter, and Mixpanel analytics support.

Education

Texas A&M University May 2014

Bachelor of Science in Visualization

Please visit my website for examples of my work at kylebarnes.dev