Olexander T.
Senior VFX/2D/3D artist , Unity 3D developer

SUMMARY

- 24+ years in game development -Involved in VFX throughout his game dev career - Available to start ASAP - Extensive experience as a Unity3D C# developer and 2D/3D VFX artist, working on a wide range of projects from mixed reality applications for Hololens, cross-platform tools, to games with on-chain business logic. - Significant contributions to AR/VR applications, including development for indoor navigation, augmented reality software for smart-city solutions, and VR games and experiences. - Leadership roles in project development, serving as Art Director, Lead Developer, and Lead Artist on various projects, indicating a strong background in both technical and creative aspects of software and game development. - Diverse project portfolio, including work on augmented reality for plastic surgery visualization, body measurement technology for smartphone cameras, and 3D visualizations for medical and industrial applications. - Involvement in promotional and interactive demos, demonstrating the ability to create engaging content for startups and established companies alike, such as Zibra.AI and Rapid Medical Parts. - Development of a wide range of applications and games for various platforms, including web, mobile, standalone, and AR/VR platforms, highlighting versatility and adaptability in software development. - Upper-Intermediate English

TECHNICAL SKILLS

Main Technical Skills	Unity, VFX
Programming Languages	Assembler, C, C#, C++, Delphi, JavaScript, Pascal, QBasic
C++ Libraries and Tools	C/C++/C#
JavaScript Libraries and Tools	WebGL
UI Frameworks, Libraries, and Browsers	HTML, HTML5
UI/UX/Wireframing	Adobe Photoshop, AR, Corel Draw, VR, XR
Platforms	Android, Unity
Third Party Tools / IDEs / SDK / Services	AutoCAD, Autodesk 3DS Max, Visual Studio, XCode
Operating Systems	BeOS, iOS, Linux, macOS, MS-DOS, Windows
SDK / API and Integrations	Windows API
File Systems, Storage	XML
Other Technical Skills	Blender 3D, GearVR, Hololens, Hololens 1&2, HTC Vive, IBM PC compatible, Kinect, Manova VR, MidiSoft Studio, Modo,

	Monodevelop, MR, Object Pascal, Oculus, OSX, Phaser.IO, PSVita, ShaderLab, SoundForge, Valve Hummer

EXPERIENCE

PATRIOT Power Generator

2022-current

MixedReality application for Hololens [Unity3D C# developer, 2D|3D Artist] https://www.youtube.com/watch?v=qtjLSrU34kk

[NDA] Cross-platform inspection tool for airfield (web, mobile, hololens) [Unity3D C# developer, 2D|3D Artist]

[NDA] : Cross-platform 2.5D platformer game with on-chain business logic (web, mobile, standalone) [Unity3D C# developer, 2D|3D Artist]

Zibra.Ai

2021
(https://zibra.ai/) [Interactive demo for promotion]
https://business.diia.gov.ua/cases/tehnologii/ukrainskij-ai-startap-zibraai-vipustiv-persij-plagin-na-bazi-masinnogo-navcanna-dla-simulacii-ridini

Rapid Medical Parts

2020
(http://rapidmedicalparts.com/) [3D visualisation]

3D Catalog | CARDO Software

2019
(https://play.google.com/store/apps/details?id=com.cardosoftware.catalog3d) [Art Director, Lead Unity3D C# developer, 2D|3D artist]

VR games prototypes

2019
(https://youtu.be/tYf0ac2n_SY , https://youtu.be/5gTJ4Lt0ORI) [Unity3D C# developer]

AR TREK

2018
(https://itunes.apple.com/us/app/ar-trek/id1437096399): Open dev. platform for Indoor Navigation in augmented reality (https://youtu.be/v-34aAVSi04)

Cosmos Invictus

2018
(https://store.steampowered.com/app/682620/Cosmos_Invictus/): UI/VFX art and programming

ARMix

2017
(http://nullreal.com/armix/): AR/VR app with 6DOF, instant loading your own models via

direct URL and walk around in AR or VR for free (https://youtu.be/YCni4rfBuSA)
https://itunes.apple.com/us/app/armix/id1291721288 [Unity3D generalist]

dcConstructions | dcTOUCH

2017
Smart-City - augmented reality software with position tracking (http://dctouch.ru/smart-city , https://youtu.be/L-GE6TTCkn8)

W[F]RE

2017
VR-Cinema promo app for simultaneously video playback on 10 GearVR [Unity3D C# developer, 2D|3D Artist]

FootBall / Soccer promo app

2017
interactive fun app for RosSeti (http://www.rosseti.ru/)
https://youtu.be/M64JLxLQX3s for SPIEF'17 (St.Petersburg International Economic Forum)
June 1,2,3 2017 (http://www.forumspb.com/en/2017) [Unity3D C# developer, 2D|3D Artist]

NCAR.com

2017
multimedia car catalogue [Unity3D C# developer, 2D|3D Artist]
https://play.google.com/store/apps/details?id=com.ncar.news3dguide
https://itunes.apple.com/ru/app/ncar-com/id1274597161
https://apps.apple.com/de/app/ncar-com/id1274597161

Sidereum LTD

2017
AR game (no more info because NDA) [Art Director, Lead Unity3D C# developer , Lead 2D|3D artist]

Tango Matrix Scanner

2017
augmented reality software combines a cutting edge technology by Google and real image through the camera of your smartphone to get a Matrix-style view of your room https://play.google.com/store/apps/details?id=com.nullreal.tangomatrixscanner [Art Director, Unity3D C# developer, 2D artist]
https://uploadvr.com/google-tango-app-turns-real-world-into-the-matrix/

Life Hutch VR

2017
(https://store.steampowered.com/app/1089330/Life_Hutch_VR/) for Patrick Donoghue : https://www.youtube.com/watch?v=15IzlcFQ0Y0 (2003), https://www.youtube.com/watch?v=Uts_2yhFx3Q (2005) [Unity3D C# developer, 2D|3D Artist]

3DLook, LLC

2016
(http://3dlook.me): A cutting edge technology that estimates your body measurements

through the camera of your smartphone and lets you try on costumes https://itunes.apple.com/app/3dlook-3d-model-your-body/id1157531374 https://itunes.apple.com/us/app/3dlook-personal-outfit-guide/id1224533573 [Unity3D C# developer , 3D artist]

ILLUSIO, Inc.

2016
(http://www.illusioimaging.com): augmented reality software combines a fluid and lifelike 3D virtual image and our surgeon's actual patient to transform an iPad into a virtual mirror. https://itunes.apple.com/us/app/illusio/id1068593819 [Unity3D C# developer]

Sidereum LTD

2015
project Null Real [Art Director, Lead Unity3D C# developer , Lead 2D|3D artist]
(Port to OculusGo : https://youtu.be/qwuQ9y7ia2M)

stfalcon.com

2015
project "City-Runner" [Unity3D C# developer]

Ciklum

2015
project "Contiki VR demo" [Lead Unity3D C# developer , Lead 2D artist]

RiverSoft

2015
project "Money-Pursuit" [Unity3D JavaScript | C# developer , Lead 2D|3D artist]
(https://youtu.be/Jn5cziuL2eE)

Ukrainian chamber of Commerce and Industry

2014
project "Industrial Park "Centralny" [Lead Unity3D JavaScript | C# developer , Lead 2D|3D artist] (https://youtu.be/-srejgiNJho)

Underscor³e

2014
project "Santa's Salvation [Senior Unity3D JavaScript , Lead 2D|3D artist]

RiverSoft

2014
project "Fireball" [Unity3D JavaScript | C# developer , 3D artist]
(https://youtu.be/X6uisgTAHoQ)

ALTernative.MS

2014
project "Aspheron" [Lead Unity3D JavaScript , Lead 2D|3D artist]

Delrizia Investments LTD

2013
project “NCAR.com & GT1.com” [Art Director, Lead Unity3D C# developer, 2D|3D artist]

ALTernative.MS

2013
project “aRace” [Lead Unity3D JavaScript | C# developer , Lead 2|3D artist]
(https://youtu.be/viB6RTUw-XI)

Delrizia Investments LTD

2012
project “JapCarFest” [Art Director, Lead Unity3D C# developer, 2D|3D artist]

Alesko

2012
project “CustomGirl” [Lead Unity3D JavaScript | C# developer , Lead 2D|3D artist]
(https://youtu.be/1FB-8fT5_KI | https://youtu.be/GWC04FcXG1M)

Alesko

2012
project “Hangar constructor” [Lead Unity3D JavaScript , Lead 2D|3D artist] (https://youtu.be/ANRHjG1L6kw)

Alesko

2012
project “Besin 3D Constructor” [Lead Unity3D JavaScript]

Mirage LTD

2012
project “Mirage 5D attraction” [Lead 2D|3D artist]

OGDS S.A.

2012
project “Chick Fighter” [Junior Unity3D JavaScript developer]

UkrComCentr

2011
software engineer consultant , lead 3D CAD modeler

DNS Company

2011
Counter-Strike game level creator for championship

MegaDesign

2008
Lead 2D|3D artist , Lead ObjectPascal developer

Abris

2007
Lead 2D|3D artist

KGPU

2006
project “Lab 3D constructor” [Lead ObjectPascal developer , Lead 2D|3D artist]

Architectural and construction activity

2004

LINKS

https://youtu.be/zeM1FEUsMow | https://youtu.be/M64JLxLQX3s - Football / Soccer Kinect app
https://play.google.com/store/apps/details?id=com.nullreal.tangomatrixscanner - Matrix Scanner (AR)
https://itunes.apple.com/app/3dlook-3d-model-your-body/id1157531374?mt=8 - 3DLook (AR for iOS)
https://itunes.apple.com/us/app/illusio/id1068593819?ls=1&mt=8 - ILLUSIO (plastic surgeons AR for iOS)
https://www.youtube.com/channel/UCqYE9HTJqUtl1F4F8rCKThw - NullReal (Virtual Reality project)
http://alternative.ms/ - ALTernative Mighty Solutions (https://youtu.be/5UppCqIgA4o | https://youtu.be/K-3-UGsBAok)
https://www.fl.ru/users/a-l-t/ - 2D|3D art portfolio (till 2010)
http://208294.ua.all.biz - Abris LTD
http://megadesign.com.ua - MegaDesign LTD
http://www.dns-shop.ru/ - DNS Company (https://youtu.be/WtxHc3thR9Y | http://ngs24.ru/news/131845/view/)
http://ukrcomcentr.com/ - UkrComCentr
http://underscor3e.com - Underscor³e (https://youtu.be/u-zDuFsWwsI | https://youtu.be/0XnylMLLF1A)
http://5d-mirage.ru - Mirage LTD (https://youtu.be/S69r0uzYGg4 | https://youtu.be/u7qmx_CpeTY)
https://ncar.com/ru/news/ - NCar.com (https://youtu.be/XS_HDdpgrX4 | https://youtu.be/AcQM-2ySEts)
http://alesko.eu - ALESKO (https://youtu.be/1FB-8fT5_KI | https://youtu.be/GWC04FcXG1M)
https://river-soft.net/ - RiverSoft (https://youtu.be/_uEttT5sqF8 | https://youtu.be/X6uisgTAHoQ | https://youtu.be/Jn5cziuL2eE)
https://play.google.com/store/apps/details?id=com.underscor3e.santa
https://play.google.com/store/apps/details?id=ms.ALTernative.Aspheron
https://play.google.com/store/apps/details?id=ms.Alternative.Snake84
https://www.facebook.com/events/896122420408602/
https://www.facebook.com/events/854854111265247/
http://kmcnc.stfalcon.com/event/code_n_coffee_14
http://technocongress.ru/galereya/idyou-moscow-2015/
https://www.facebook.com/events/438843279631159/
http://itweekend.events/speaker/alexander-tkachenko/

a small test how to recognize buildings in AR : https://youtu.be/DxHmEJlmt6Y

AR car demo : https://youtu.be/Yl85WN_AQUM

a small test of hand recognition in AR : https://youtu.be/H5OzjYWhENI

AR Interior test : https://youtu.be/c-8eD0lHpkU

Testing geo-placing 3d model : https://youtu.be/n-OdSpVB_5M

http://avrahackathon.ru/ - https://youtu.be/XBs2zJ_-cQY

Simple industrial robot - https://youtu.be/SOfwjRRS7yM

ARMix Indoor navigation created on http://hackathon.mvideo.ru/ : https://youtu.be/lJpDx4Um8S8

ARMix on M.Video https://habr.com/company/mvideo/blog/414643/

Cosmos Invictus (https://store.steampowered.com/app/682620/) : https://www.youtube.com/watch?v=3IIBuFWUSX4

Wordspace hints : https://youtu.be/gb1-slVek04

Legacy AirCraft turbine test on Unity 3.5.7 : https://youtu.be/-7GHkoPL00U

Null Real Generation 3 - Port for Oculus Go - Screencast : https://youtu.be/snu2Y0siIvk

Floating Boat Test (Unity 5) : https://youtu.be/WNxJmPl1TCg

Floating Boat Test (Unity 2018) : https://youtu.be/zH6WIrtAghg

MGame - InGame UI concept : https://youtu.be/aHBM8XsP-RU

MGame - MainMenu UI concept : https://youtu.be/CR6rzd5l05I

UI Test 2 for Brave Branding UA : https://youtu.be/TKTuDc8ezJY

Sci-Fi location test : https://youtu.be/FCemIP3AQKA

SIGGRAPH Asia 2020 – VR Theater Trailer : https://www.youtube.com/watch?v=Ap0O8tp8NYQ

Art in the Void - Short promo video : https://www.youtube.com/watch?v=hE43gVW5X8U

https://sa2020.siggraph.org/en/attend/vr-theater/session_slot/294/14