Alex LaTourelle

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EDUCATION

AR/VR Development and 3D Graphics Program Certificate
February 2022
New York University, NY

Viticulture/Enology Associates Degree
May 2020
Santa Rosa Junior College, CA

SKILLS

Design: Autodesk Maya, Blender, Unity, Adobe Photoshop, Illustrator, Premiere Pro, After Effects, Lightroom, Substance Painter, Figma
3D Image Softwares: Cinema 4D, Unity, Redshift Renderer
Productivity Software: Microsoft Office, Google Suites, Zoom Conferencing, Trello, GitHub, SourceTree
Programming Languages/Libraries: C#, HTML/CSS, JavaScript, AR.js, Three.js, Swift
AR VR and Game Development: Unity, Unreal, Oculus Quest, Oculus Go, Oculus Rift, iOS/Android VR and AR, Vuforia

PROJECTS

WRLDFLTR, Augmented Reality Application, Capstone Project, NYU
Jun 2021 – Feb 2022
- Developed an augmented reality art placement application within Unity for iOS
- Full prototyping development over the course of the program: including ideation and branding concepts
- User tested from friends and family for feedback
- Wrote C# scripts for art placement and also library scripts to hold 3D assets
- UX/UI developed in Adobe XD to create a user-friendly flow

Assignments, Homework, NYU   Jun 2021 – Feb 2022
- Creating basic video game levels with both primitive and complex 3D assets
- Created shaders within the shader graph for visual effects
- Wrote scripts for basic movement and camera functionality
- Baked realtime lights for complex scenes in Virtual Reality

3D Renders, Personal Project   Jun 2020 – Present
- Daily artwork to increase 3D rendering skills within CInema 4D
- Working with self-created or already made 3D assets and textures/shaders to create visual effects
- MoGraph is also utilized for smooth animation effects
- Artwork is then finalized in post-processing software; Adobe Photoshop/After Effects

WORK EXPERIENCE

Accounting Intern   Jan 2020 – May 2020
Eckhoff & Co, San Rafael, CA

Harvest Intern   Aug 2019 – December 2019
Vinify Custom Crush, Santa Rosa, CA

Server   Jan 2018 – Aug 2019
Ayawaska RestoBar, Petaluma, CA

Awards

2021 Prototyping Fund
2021 Recipient of the RSCA Grant, San Jose State University
2020 Leadership Today Cohort
2020 Hidden Histories Finalist, Japanese American Museum of San Jose Museum
2020 Recipient of the AAUW NCCWSL Scholarship
2020, 2019 President's Scholar, San Jose State University
2019, 2018 Dean's Scholar, San Jose State University
2017 Recipient of Intel Award: Paseo Prototyping Challenge
2017 Honorable Mention: Microsoft HoloLens Hackathon