Genesis Laboy

Look Development Artist

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Experience

Creator, Let's Get Kraken! - 3D Animated Short
January 2023 - Current

- Conceptualized, designed, and realized the look of this independently-produced short film
- Used Houdini to simulate hair, storm clouds, ocean, fire, and miscellaneous effects
- Created procedural textures and materials for all assets using node-based softwares

Freelance Look Dev Artist
June 2020 - Current

- Worked with independent clients to create rapid prototypes and finalized deliverables for both organic and hard surface models
- Created original designs and took them through the various steps of the 3D production pipeline for asset visualization
- Worked on a variety of projects including music videos, short films, and digital product marketing
- Integrated CG assets into live action footage

Computer Graphics Engineer, Toyoda Gosei
January 2020 - Current

- Used a USD workflow to create a medical examination XR project
- Developed an app to generate realtime high-fidelity haptic feedback from the model's texture data
- Developed markerless motion capture applications in Unity for Mixed Reality digital doubles and VTubers

VFX Intern, Laika
September 2019 - December 2019

- Baked Look Files with Katana and worked on the look dev for the modular system of character extras and assets
- Scanned cloth samples with the Mura scanner and cleaned up the resulting texture maps
- Followed art style requirements for texturing and surfacing in a feature film pipeline
- Created tiling textures for the film's show patterns

Education

University of Central Florida, Orlando
August 2022 - Current

- Emerging Media MFA - Animation and VFX Track

Software

- RenderMan
- Maya
- Houdini / Solaris
- Substance Painter
- Substance Designer
- Katana
- Mari
- Nuke
- Photoshop / After Effects
- Unity
- Marvelous Designer

Programming

- C#
- C++
- OSL

Achievements & Awards

- SIGGRAPH 2023 & 2024 Team Leader
- UCF SIGGRAPH Chapter President
- MFA Provost's Graduate Fellowship (Tuition + $20,000 award)
- Exhibitor at UCF Enhancing Lives Showcase 2023
- Exhibitor at UCF Research Week Showcase 2023
- Thesis Film: Winner at LAFA, Best Picture at Festigious, Grand Prize at Lancaster, and Finalist at European Cinematography