Mariano Meijome

Technical Artist with a Focus on Real-Time Experiences
www.mariano-meijome.com | 317-965-4080 | mariano.meijome@gmail.com

SKILLS

Real-time Visualization
Performance Optimization
Shader Authoring (Node-based)
VFX for Film and Games
Process Automation
Large Scale CAD Optimization
Photogrammetry
3D Scanning
Modeling
Rigging
Lighting
Front End Development

SOFTWARE & LANGUAGES

Autodesk Maya
Unity3D
Bifrost Graph
BabylonJS
Substance Painter
Python
JavaScript
Mel
C#

English
Spanish

CERTIFICATIONS

Coursera - Deep Learning Specialization
by deeplearning.ai
JANUARY 2019

Coursera - Machine Learning Specialization
by Stanford University
SEPTEMBER 2018

fastai - Deep Learning 2
by fast.ai
JUNE 2018

EXPERIENCE

MVRK - *Technical Artist*

JULY 2020 - PRESENT

Projects involve immersive virtual events in webGL-based applications, interactive installations, AR, and VR. This includes asset creation and implementation, workflow optimization, process automation, performance profiling, shader authoring, outsourced artist management, and communicating capabilities between creative and development departments.

VisionThree - *Senior 3D Artist*

NOVEMBER 2018 - JUNE 2020

Worked on real-time applications for virtual reality training. I saw projects through from quoting to completion, manage and train a team of 3D Artists, working closely with developers to streamline processes and workflows. Helped automate large scale CAD data optimization and develop a system that allows users to access thousands of parts in VR while balancing performance and quality.

VisionThree - *3D Artist*

NOVEMBER 2016 - NOVEMBER 2018

Model 3D assets, optimize CAD data for use in realtime VR, tablet, and mobile applications. Animate and rig 3D assets for interactive use.

EDUCATION

Indiana University - *Media Arts & Science B.S.*

MAY 2017

PROJECTS

Normal Map Generator - *Python / Flask / Keras / Tensorflow*
Allows user to upload a diffuse map to generate a normal map for use in 3D applications.

Handwritten Digit Identifier - *Python / Flask / Keras / Tensorflow*
Allows user to interactively draw a number on web page to output the top prediction.

Dog Breed Identification - *Python / Flask / Fastai / PyTorch*
Accepts image upload as input and outputs the top breed prediction with 92% accuracy.