

CARR ENGINEERING, INC.
12500 CASTLEBRIDGE DRIVE HOUSTON, TX 77065-4532
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Curriculum Vitae for Rickey McGowan, Jr.

Specialized Professional Competencies

- Graphic Artist/Illustrator
 - 3D Modeling
 - 3D Animation
 - Physics-Based Rendering
 - Motion Graphics/Video Editing
 - VR/AR/MR Development
 - Digital Sculpting
 - Classroom Instruction
- Proficient with software including: Autodesk 3Ds Max, Z-Brush, Substance Painter, Substance Designer, Adobe Photoshop, Adobe Illustrator, Adobe Premier, Adobe After Effects, Reality Capture.

Professional Experience

- Carr Engineering, Inc., 2021 to Present
 - 3D Modeling and Animation Specialist
 - Analysis of motor vehicle collisions using scaled 3D models and physics-based animations.
- Houston Community College, 2019 to 2021
 - Adjunct Professor
 - Developed lesson plans and taught in both virtual and in-person learning environments.
- Sharpvision Software, 2018-2021
 - 3D Modeling and Animation
 - Worked in a team environment to create virtual training materials for the Department of Defense.
- Systran Technical & Training Services, 2018
 - Graphics Specialist
 - Developed training videos of petrol equipment using scaled engineering models.
- GWF Associates, 2018
 - Digital Artist
 - Created 3D marketing materials and content.
- Optech 4D Inc., 2015 to 2017
 - 3D Art Lead
 - Developed 3D virtual-reality environments for off-shore and on-shore rig interactive training.
- Iomnis, 2013-2015
 - 3D Artist
 - Built 3D environments for pre-visualization of corporate office spaces.

Education

- Art Institute of Houston, 2009-2013