

ABOUT

I'm a creative guy developing engaging experiences by bridging the gap between art and science. My strong skills that spread across the entire spectrum of design lets me be the integral piece at your company which allows a seamless project from concept to reality.

PROFESSIONAL EXPERIENCE

Senior Attraction Designer Universal Creative, Orlando FL

2017 - 2020

- -Led attraction development for bluesky-schematic on several large, high profile E-Ticket attractions
- -Created track layouts, timing studies, 3D models, ride vehicles, VR simulations, high resolution renders, key art, storyboards and many other materials to sell the creative intent
- -Managed teams of up to 12 and mentored associate attraction designers in the Universal Creative pipelines and procedures

Lead 3D Designer

Thinkwell Group, Los Angeles CA

2013 - 2017

- Directed entire modeling efforts for attractions, resorts, and museums
- -Followed designs on 5 major projects from concept to production
- -Utilized software for 3D POV rendering, drafting, and 3D interactive ride-through simulations
- -Managed the 3D modeling team as well as the pipeline, standards, and organization of that team.

Production Intern Leviathan, Chicago IL

2012

- -Concept design, development, and fabrication for DJ Amon Tobin's ISAM 2.0 seen by millions of fans worldwide
- -Concept design and documentation for branded experiences including clients Kelley Blue Book, Turner Broadcasting, and Callaway Golf

ACADEMIC EXPERIENCE

Take Shape - Carnegie Mellon Children's Museum of Pittsburgh

2012

- -Designed, fabricated, and installed an exhibit in the makeshop teaching 3D modeling to kids ages 3-12
- -Designed physical exhibit, built and fabricated museum elements that worked with the hardware and software

EDUCATION

Carnegie Mellon University

2013

Entertainment Technology Center, Pittsburgh PA Master of Entertainment Technology

Texas A&M University

2011

College of Architecture, College Station TX Bachelor of Science in Visualization Science Minor in Math, Minor in Art & Architectural History

SOFTWARE

Proficient:

AutoCAD - Sketchup - Maya - Unreal Engine Lumion - Octane - Arnold - Photoshop Unity - Illustrator - InDesign - After Effects

Working Knowledge:

VRay - Rhino - 3DS Max - Revit - BIM 360 ZBrush - SolidWorks - Touch Designer FTE Houdini - C++ - C# - Python - Java Script

SKILLS

Modeling - Texturing - Lighting - Rendering Facades - Vehicle Design - Ride Simulations Track Layout - Key Art - Animation - R&D Fabrication - Motion Graphics - Exhibits - VR

AWARDS

THEA Outstanding Achievement (Attraction)
Hagrid's Magical Creatures Motorbike Adventure 2019
THEA Outstanding Achievement (Theme Park)
Warner Bros. World Abu Dhabi 2019
Take Shape SIGGRAPH Dailies 2013
Running Out of Steam SIGGRAPH Dailies 2011

PATENTS

Amusement Park Ride Vibration System
Hybrid Ride Vehicle Systems and Methods
Ride System with Dynamic Configurations
Ride System Having Dynamic Movement
US20200188801A1
US20200108324A1
US20200257309A1
US10843093B1

INTERESTS

Disc golf, photography, travel, card magic, concert visualization, and urban art