

EMPLOYMENT

IMAGINE LEARNING Provo, UT 10.10 - Present	3D CONTENT DEVELOPMENT MANAGER
Created 3D gaming department (company size ~360 employees), concepted and created characters including a customizable avatar system, created interactive world for hundreds of educational activities, Video Producer and Editor.	
VITAL DOMES Clifton, ID 3.16 - 4.16	DIRECTOR/PRODUCER (FREELANCE)
Producer of 30 second promo ad for emergency shelter (viewing audience of ~3 million)	
UNIVERSITY OF UTAH Salt Lake City, UT 3.16 - 4.	ADJUNCT INSTRUCTOR
Character rigging and setup instructor	
HEALTHX 3.08 - Present	FOUNDER/3D CONTENT CREATOR
Hololens development for eye surgeries. Eye tracking for "lazy eye" diagnostics and treatment. In clinical trials.	
TANDEM MOTION PICTURE STUDIOS 3.08 - Present	VR SYSTEM CREATOR, 3D CONTENT LEAD (FREELANCE)
Technical Lead - VR Music Video. Character setup - PillowPets Commercial. Modeller - Educational IMAX film.	
B.E.S.T. Police Training (working with The VOID) Salt Lake City, UT 3.16 - 4.	FOUNDER/CONTENT DESIGNER
Creator of VR police training system working on the VOID RAPTURE systems	
UTAH VALLEY UNIVERSITY Orem, UT 10.12 - 5.14	ADJUNCT INSTRUCTOR
Instructor of motiongraphics and branding (Beginning and Advanced AE) and Cinema4D.	
INTERMOUNTAIN HEALTH CARE Salt Lake City, UT 5.12 - 12.12	GAME PRODUCER (FREELANCE)
Self Produced/Developer of educational iPad interactive surgery apps for Intermountain Healthcare.	
SPITFIRE STUDIOS - RYAN WOODWARD - Mapelton, UT 1.12 - 5.12	3D LEAD, FX ARTIST (FREELANCE)
Created 3D and FX work for iPad app "Bottom of the Ninth", 2012 "App of the Year", panel 2012 SD ComicCon	
FACE CENTER LA Los Angeles, CA 2.11 - 4.11	MODELER, CONSULTANT (FREELANCE)
Modeled celebrities likenesses and created ideal facial features for custom treatment options.	
INTERACT MEDICAL American Fork, UT 6.08 - 9.10	SENIOR MEDICAL VISUALIZER
Producer for digital instructional and marketing for Honeywell, Baxter, Depuy and Genzyme.	
DAZ PRODUCTIONS Draper, UT 12.00 - 5.08	FOUNDING MEMBER, MODELING LEAD, PRODUCTION MANAGER
Character Creation Creative Lead (anatomical models, expressions, visemes). Rig and script creation.	
SYBEX 2.06 - 12.08	AUTHOR
Title Author for Body Language: Advanced 3D Character Rigging. Coauthor for Mastering Maya 2009. Coauthored modeling title published Sept '06.	
ZYGOTE MEDIA GROUP Provo UT 9.99 - 12.00	DIGITAL ARTIST, INSTALLER TECH, STORE MGR
Responsible for rendered imagery creation, installer construction and web/store management.	

KNOWLEDGE

Unity, Unreal, After Effects, Maya, Modo, Lightwave, ZBrush, UVLayout, MentalRay, Photoshop, Illustrator Final Cut Pro, Premiere, AR and VR Hardware (Hololens, Vive, Structure Sensor, iOS AR and VR apps).

MEL, RSL, Python, C++, C#

SGI (Corel) Flavor of Linux, NT, Mac OS

PUBLICATION

"Mastering Maya 2009" Sybex - 2.09 - Coauthor

"Body Language: Advanced 3D Character Setup" (#1 Best selling "3D Rigging" Amazon '10-'16) Sybex - 5.08 - Author

"Edgeloop Modeling: for 3D professionals only" published by Wiley - 9.06 - Coauthor

HDR1 3D Magazine, 4.06 - Issue 9 (TSpline modeling article)

EDUCATION

UNIVERSITY OF UTAH, SLC, UT - Masters of Entertainment Arts and Engineering, Apr 2016

(Rated #1 game design graduate program in the nation- Princeton Review 2015)

BRIGHAM YOUNG UNIVERSITY, Provo, UT - Bachelor of Visual Arts, Computer Animation, Dec 2002

UTAH VALLEY UNIVERSITY, Provo, UT - Associate of Arts, Dec 1999

AWARDS

2016 (two time) US Winner and (3rd place) World Finalist - Microsoft Imagine Cup Game Competition

2016 2nd place Utah Game Wars

2015 Best Student Game I/ITSEC

2012 ComicCon Presenter (App Magazine "App of the year") with Ryan Woodward's "Bottom of the Ninth"

2012 Telly Awards 1st place (Recruitment) and 2nd place (People's Choice)

2004 "Lemmings" Winner "Student Emmy" and Bronze "Student Academy Award"

ABOUT

Father of 6, Team Lead (EMT, HAM) Timpanogos Emergency Response Team '98-present, trail running, alpine touring, kiteboarding, climbing and minimalist camping.

References upon request
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