

# DAVID LYONS

3D Artist, Front End Web + 3D Web Developer based in Los Angeles

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## WORK EXPERIENCE

**Freelance**, Los Angeles, CA, September 2018 - Present  
*Front End Web + 3D Web Developer*

**Object Edge** (Contract), Los Angeles, CA, February 2019 - January 2020  
*Front End Web + 3D Web Developer*

- Applied UVs, textures and materials to radio 3D model for client, Motorola Solutions.
- Cleaned and compressed radio 3D model to minimize file size and load time on the web while maintaining fidelity.
- Implemented lights, camera rig, preloader and animation with Three.js and Tween.js.
- Translated Sketch / Zeplin designs into interactive, responsive user interfaces with HTML, SCSS and Javascript.

**WITHIN**, Los Angeles, CA, November 2015 - August 2018  
*Software Engineer*

- Front end engineer on spherical 360 video WebVR platform and interactive WebVR music experience.
- Designed and implemented 2D and 3D user interfaces in Three.js for WebVR.
- Tested with all major VR headsets and controllers in all supported WebVR browsers: Oculus Rift, Vive, Windows MR, Oculus Go, GearVR, Daydream / Chrome, Firefox, Edge, Oculus Browser.
- Experimented with interactive 3D graphics in Three.js.

**Slingshot**, Dallas, TX, March 2013 - November 2015  
*Front End Web Developer*

- Front end developer on Borden Dairy's 2014 responsive website.
- Experimented with Three.js, virtual reality, 3D modeling, Leap Motion hand tracking and 3D printing.
- Assisted with video editing.
- Worked on clients including Texas Motor Speedway, Sabre Airline Solutions, Dallas Symphony Orchestra, Legacy Texas Bank, Associa and American Home Shield.

**The Richards Group / Click Here Labs**, Dallas, TX, March 2012 - March 2013  
*Front End Web Developer*

- Lead front end developer on Chuck E. Cheese's 2012 responsive website.
- Worked with teams of project managers, UX, creatives, back-end developers and quality control.
- Experimented with Three.js and WebGL.
- Worked on clients including Central Market, Corner Bakery, Advance Auto Parts, T.G.I. Friday's, TXU Energy, The Home Depot, Go RVing and Summer's Eve.

**Epic Web**, Dallas, TX, April 2011 - March 2012  
*Web Designer and Front End Web Developer*

- Designed client websites and logos in Photoshop and Illustrator.
- Created and modified Joomla CMS templates and extensions with HTML, CSS and Javascript.
- Trained clients on how to add and edit website content.

## EDUCATION

**Texas A&M University**, College Station, TX, Fall 2007 - Fall 2010  
Bachelor of Science in Visualization, December 2010

**The University of Texas at Dallas**, Dallas, TX, Spring 2010  
Studied motion capture, modeling, and texturing in the Arts and Technology department for a semester away.

## SOFTWARE

Three.js, Javascript, HTML, SCSS, jQuery, Bootstrap, Git, Grunt, Gulp, Jekyll  
Maya, ZBrush, Photoshop, Illustrator, Premiere  
**Currently learning:** React, Vue, ES6, GLSL Shaders

## SKILLS

High and Low Poly Modeling  
Organic and Hard Surface  
Digital Sculpting  
Retopology  
UV Layout

Texturing  
3D Printing  
Interaction Design  
Front End Web Development  
Game Development

Virtual Reality  
Video Editing  
Graphic Design