

# DAVID LYONS

3D Front End Web Developer / 3D Artist based in Los Angeles

**Portfolio:** davidlyons.dev  
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## WORK EXPERIENCE

**Freelance**, Los Angeles, CA, September 2018 - Present  
*Self Employed*

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

- Front end engineer on spherical 360 video WebVR virtual reality platform and interactive WebVR music experience.
- Designed and implemented 2D and 3D user interfaces with HTML, SCSS, vanilla Javascript, Three.js and Tween.js.
- Added support for VR headsets and controllers with Three.js, WebVR API and Gamepad API.
- Implemented UI sound effects with Web Audio API.
- 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.
- Created interactive 3D graphics prototypes with Javascript and Three.js.

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

- Front end developer on Borden Dairy's 2014 responsive website.
- Worked with teams of project managers, UX, creatives, back-end developers and quality control.
- 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, Javascript and jQuery.
- 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 & SKILLS

Javascript  
HTML  
SCSS  
Command Line  
Browser Dev Tools  
Three.js  
Bootstrap  
jQuery  
Git

Grunt  
Gulp  
Jekyll  
Sublime Text  
Photoshop  
Illustrator  
Premiere  
Maya  
ZBrush

Photo and Video Editing  
Graphic Design  
Interaction Design  
3D Modeling  
Digital Sculpting  
Retopology  
UV Layout  
Texturing  
3D Printing

**Currently learning:**  
React  
Vue  
ES6 + Babel  
GLSL Shaders  
Visual Studio Code