

# 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 / ES6  
HTML  
SCSS  
Command Line  
Browser Dev Tools  
Three.js / WebGL  
Bootstrap  
Visual Studio Code  
npm

Git  
Grunt / Gulp  
jQuery  
Jekyll  
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:**  
GLSL Shaders  
Webpack  
Storybook  
React  
Vue