

# LEONARD SOUZA

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2733 Tarbert Street  
Henderson NV, 89044

## EMPLOYMENT

2015-2016 egghead.io

DIRECTOR OF EXPERIENCE ENGINEERING / INSTRUCTOR

Worked with egghead leadership to develop tools for programmers to engage them in learning challenging programming topics, help them surface content and become better versions of themselves.

Developed React/Redux components, Rails APIs, ElasticSearch integrations, general rails pages, all to high standards and fast deployments (continuous integration).

Created wireframes, prototypes, and final comps for new egghead features.

Provided art and design direction to the illustration and front-end teams.

Implemented usertesting.com QA into the design and development workflow. Also ran support via intercom.io.

Mentored instructors on how to create bite-sized content packed with actionable takeaways. Also worked beside many industry leaders in top-tier companies such as Google, Facebook and Netflix.

Team remotely distributed. I wore many hats and filled in when necessary.

2012-2015 SpatialKey

SENIOR EXPERIENCE ENGINEER

Performed a hybrid design/development role with a great emphasis on user experience. Team remotely distributed.

Developed tools used by the largest Reinsurance companies in the world. Provided beautiful mission-critical analytic and data visualization applications to clients. These were held to the strictest standards in the industry.

2010-2012 EffectiveUI

LEAD EXPERIENCE ARCHITECT

Acted as User Experience Design/IXD to Visual Design to Development to Tech/Design Liaison. Common to be included in every phase of a project, from UX to Visual Design and Development. Worked remote.

Created wireframes/prototypes for companies such as Intel and FedEx.

Created production-ready visual designs for companies such as Intel, Adobe, Bank of America and more.

Designed/Developed iOS applications, of which included enterprise banking portals, rich-interactive discovery experiences and data driven applications.

Designed/Developed enterprise Flex applications, of which included a portal for Level3 built on Robotlegs/Spark and prototypes for Boeing.

Designed applications for the latest web, including HTML5 and WebGL.

Worked with several Fortune 100/500 companies including Intel, Boeing, FedEx, Adobe, Bank of America, Merrill Lynch, Qwest, Navy Federal and more.

2002-PRESENT Independent Contractor

INTERACTION ENGINEERING CONSULTANT

## PROGRAMMING SKILLS \*

Javascript, Ruby/Rails, iOS/Objective-C/Swift, Java, MySQL/PostGRES/NoSQL/ElasticSearch/Redis, OpenGL/ - Shaders, C#, C/C++, Rust, Elm

\* I remain as platform/language agnostic

## FRAMEWORKS / METHODOLOGIES

React/React Native, Redux, Node.js, Express, Socket.io, Webpack, AWS/Heroku, Electron, GraphQL/Relay, Unity 3D, Kinect, Three.js, Arduino/Raspberry Pi, Cinder/Processing/OpenFrameworks/OpenCV/Boost, Object-Oriented Programming, Clear Separation of Concerns (MVC), Functional Programming (lodash/RX), Reusability and Dont-Repeat-Yourself (DRY), TDD, Agile

Insert web framework here: i.e. Angular, Backbone, Ember, etc.

## DESIGN/UX SKILLS

HTML5/CSS3, BEM/SASS/PostCSS, Responsive, Mobile-First Design, Wireframe/Prototypes, User Testing, QA

## TOOLS

Sublime Text, Atom.io, Xcode, VIM, iTerm, Git

Adobe Creative Suite (Photoshop, Illustrator, After Effects, Premiere), Sketch, Luxology Modo, Scrivener, Ableton Live

## WHO AM I?

A creative who codes. A coder who creates. A writer. A lively problem-solver with logic bending analytical skills and clever design thinking. I am a life-long learner helplessly drawn to the sublime space where design, technology and narrative intersect. I've written a fun novel, host a writing podcast, build killer software, and teach UX, design and coding. My words reach 30,000+ people a month. Over fifteen years experience developing interactive solutions.

I love working with great people that bring out the best in me and to whom I hopefully reciprocate.

Thank you for considering me.

References available upon request.

## SKILLS

   @jslauthor

portfolio: [www.leonardsouza.com](http://www.leonardsouza.com)

## EDUCATION

University of Nevada, Las Vegas  
B.A., Fine Art, May 2007

## SPEAKING / ARTICLES

SXSW  
360Flex

Smashing Magazine  
Flash and the City

Adobe MAX