

I am a **design-oriented**, **emotion-centric**, human-interaction software engineer. I have extensive experience in both web design and web engineering leading to a **solutions-oriented** approach to web development. Technology should exist as a conduit to an engaging, **human-centered** interaction. I believe that **software** and **design** are inseparable.

Work Experience

Maestro | 2015 - Current

Senior Software Engineer

I help lead the services team of Maestro to develop and build beautiful marketing and learning solutions working for clients such as **Google**, **Franklin Covey**, **Framework Homeownership**, **Wright Medical**. The technologies I've used to make solutions for clients are: **Angular**, **Node**, **Backbone**, **TypeScript**, **Rails**, **Ionic**, **Sass**, **Angular Material**, **Foundation**, **Bootstrap** and the **Adapt Framework**. Most of our projects are **Scorm-compliant** e-learning courses.

USAID / Macfadden | 2011 - 2015

Geospatial Software Engineer

Worked as a Macfadden contractor assigned to a USAID internal product development team. My work covered Frontend Development using **Backbone.js** and **Handlebars.js**. Geospatial Integration using both **Leaflet.js** and **ArcGIS APIs**. Interactive Data Visualizations using **d3.js**. I also contributed to the Backend Development of a REST API in PHP as a custom module in **Drupal 6**.

University of Hawaii | 2009 - 2010

Biology Department Network Administrator

I ensured the network continued to function and improved the public-facing department website. Re-branded and updating site for contemporary design and intuitive user interaction.

World Surf Engine | 2007 - 2008

Chief Information Officer

I helped build a start-up company with the CEO by helping to establish business goals and development. I built and designed a web application using PHP, CSS, and JavaScript. Site provided user interaction, communication and information on surfing and other water-related excursions.

Freelance Experience

Studio H | 2016 - Current

I've developed iMessage stickers in the iOS App Store and am currently working on a **Swift**-based Extension App that allows users to utilize the W3C **Microformat2** standard by integrating their native app experience with their website.

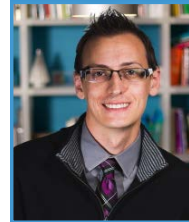
EH Studio | 2013 - 2015

I've worked with local churches and a local gym to design and develop modern websites that allow for simplified communication and marketing, while providing intuitive user interfaces. (See [Projects](#))

Studio6Twelve | 2006 - 2009

I worked with universities, non-profits, realtors, and small business clients to analyze, design, develop, test, and host their software development projects and website designs.

Profile

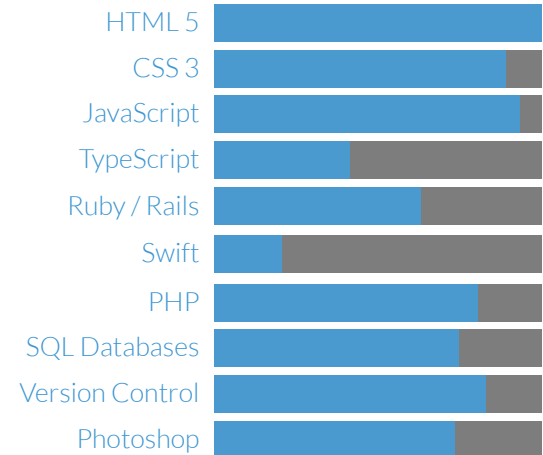


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Skills



Frameworks

JavaScript / Angular / Backbone / Handlebars / Leaflet / d3 / ArcGIS / Dojo / jQuery / Node.js / Adapt Framework / Ionic / TypeScript /

CSS / Foundation 5 / Bootstrap 3 / Angular Material / Sass /

PHP / Drupal / CodeIgniter / Wordpress /

Version Control / Mercurial / SVN / Git /

Projects

Trinity Fitness | 2015

Designed marketing websites for Trinity Fitness to explain their services to their potential clients. Site based on the **Wordpress** framework.

New Life Church | 2014

Built an internal communications and publishing platform based on **Node.js** using **Bootstrap**. Built to store member data and display visualizations using **leaflet** and **d3**.

LIFEpoint Church | 2013

Built an internal communications and publishing platform based on **Drupal 7**. I also developed mini-sites on a case-by-case basis using **Backbone.js**, **Handlebars.js** and the **Foundation** Framework.