

Front End Developer

React, Vue.js, Sass/Less, Fuse Tools, PHP, MySQL, HTML5, grunt/gulp, node/npm, Git, AWS, Linux, shell scripts.

Visual Communicator

Cinematography, still photography, animation; Strong grasp of Adobe Creative Suite/Cloud.

Work Experience

Front-End Developer

McGraw Hill
2017 - present

Created higher ed quiz and homework platform alongside three dev teams in different geographic locations (Irvine, Boston, Santa Monica). Built and maintained visual style guide with dev implementation details.

React, NG2, npm, SASS, Grunt/gulp, Lumen/Laravel

Software Engineer

Engrade/McGraw Hill
2015 - present

Built content for our quiz delivery app as part of the Assess Authoring team. Implemented user-requested features to improve school admin workflows. Created front-end build process using npm and Grunt. Debugged code and databases which were hosted on AWS.

Javascript/jQuery, npm, HTML5, LESS/SASS, PHP, Jenkins, MySQL, JIRA, Agile/Scrum

Programmer/Analyst

UCLA Design Media Arts
2007 - 2015

Built CMS to track student account transactions and staff scheduling. Generated quarterly fiscal reports; resulting analytics helped determine the consumables and equipment to be stocked. Managed small team of developers on a restructure of our CMS to expand service capabilities. Maintained software image for 120 MacOS workstations.

PHP, MySQL, Javascript, HTML5, CSS3, Shell scripts, Apple Remote Desktop

Assistant Lecturer

UCLA Design Media Arts
Summer 2013

Taught undergraduate-level data visualization class to Computer Science and Media Arts students. Projects ranged from manually-created infographics to semi-automated data visualization web apps.

Processing, Javascript, PHP, D3.js, jQuery, InDesign

Backend Developer

Creators Project Mobile
03/2011 - 06/2011

Sourced existing Vice Magazine content into a custom-built, normalized database with a considerably simplified schema. Provided a RESTful API for the Creators Project Mobile App.

PHP, MySQL, JSON

Notable Projects

Front End Developer

Find Some Coffee
02/2017 - Present

Web app to help the discerning coffee drinker find the best nearby options. Served as an exercise in using Vue's various components (Router, Modal) and the Yelp v3 Business API.

Vue.js, node.js, Yelp PHP API

Lead Mobile Developer

Middle of June
06/2015 - Present

Web and mobile app that offers a searchable centralized listing of Los Angeles area live music and entertainment events.

Javascript, HTML, PHP, MySQL, FuseTools

Flash Developer

4H Garden Kidstour
Michigan State University
6/2000 - 9/2002

Web-based learning experience for K-8 students. A virtual botanical garden, full of mini-games w/ panoramic imagery serving as the backdrop. Iterated based on in-person usability testing with groups of local middle school students.

Flash, ActionScript, Photoshop, QuickTime VR

Education

Michigan State University

BS Computer Science + BA Telecommunication

University Southern California

MFA Interactive Media