David Roth, M.Ed

Front End Web Developer / Designer

davidroth0820@gmail.com

Summary

I am a self taught front-end web developer. I love learning new technologies and writing code. I have a proven track record for tackling new technologies and producing imaginative, professionally designed, interactive, and user friendly websites using HTML5, CSS3, and JavaScript. Skills: Advanced: JavaScript, HTML5, CSS3 (Foundation, Bootstrap), Photoshop CS-5, GitHub, Illustrator CS5 Intermediate: JQuery, KnockoutJs, Python, Flash CS-5 Beginner: AngularJS, Java, C#

Projects

Neighborhood Map Project

April 2015 to Present

Members:David Roth, M.Ed

The Neighborhood Map project was completed as part of the Front-End Developer program at Udacity. This application was built on top of Foursquare, Facebook, and Google Maps APIs and can be used to search for venues in the Phoenix Metropolitan area.

Frogger Game Clone

December 2014 to Present

Members:David Roth, M.Ed

Completed as part of the Front-End Developer Program at Udacity.

Rock, Paper, Scissors, Lizard, Spock

December 2014 to Present

Members:David Roth, M.Ed

RPSLS was a game created while learning about HTML5 game development. It was created using HTML5's Drag and Drop functionality and JavaScript.

HTML5 Drag and Drop Christmas Tree

December 2014 to Present

Members:David Roth, M.Ed

I created this project to get some practice with HTML5 Drag and Drop, JavaScript, and CSS.

HTML5 Drag and Drop Menorah

December 2014 to Present

Members:David Roth, M.Ed

I created this app to get some practice with HTML5 Drag and Drop, JavaScript and CSS.

Space Defender

November 2014 to Present

Members:David Roth, M.Ed

Completed project while taking OOP course through Udacity and Hack Reactor. This game was created using HTML5 and JavaScript.

EGSS Portfolio

November 2014 to Present

Members:David Roth, M.Ed

I designed and developed Mr. Salgian's professional portfolio.

Jarhead Professionals Website

Members:David Roth, M.Ed

Website designer, developer, and administrator for Jarhead Professionals.

Millenium Endodontics Website

June 2013 to Present

Members:David Roth, M.Ed

Website was created for Dr. Miller, owner of Millennium Endodontics.

Experience

Instructional Designer at   Workiva

July 2013 - Present (1 year 11 months)

Instructional Designer/Technologist at   Arizona State University

June 2013 - November 2013 (6 months)

Working in collaboration with professors from both ASU and UH and a Life Sciences instructional design team from the University of Houston we are creating an interactive introductory Bio course for prospective Biology majors. My main function for this project is the creation of interactive lecture videos and assisting with the management of course website and BlackBoard.

Web Developer/Consultant at   Millennium Endodontics

April 2013 - May 2013 (2 months)

Working as a consulting web developer I collaborated with Dr. Miller on the design of his company's website then developed it using HTM, CSS3, JavaScript and JQuery. http://www.millenniumendo.com/

Web Developer/Consultant at   McMillan Commercial Real Estate

February 2013 - April 2013 (3 months)

As the web developer for McMillan Commercial Real Estate I worked with the CEO on the design and development of the company website. http://www.mcmillancre.com/

1 recommendation available upon request

Head of Operations Training at   FetchBack, A GSI Company

July 2011 - January 2013 (1 year 7 months)

As the Head of Operations Training I provide oversight of, and direction for, the development, analysis of, and day to day operations of FetchBack's technical operations training program. As the Head of

Training/Operations I am responsible for the creation of FetchBack's on-boarding program, managing and scheduling program activities, interpreting and developing technical procedures as well as creating procedural manuals. Moreover, as the Head of Operations Training I have been tasked with assessing, designing, implementing, and presenting training courses critical to the FetchBack Operations team and consulting with the development and implementation of the sales training curriculum. In addition to my duties as the Head of Operations Training, I managed a book of 30 clients where I helped guide them through the technical implementation process for their retargeting campaigns.

4 recommendations available upon request

Science Educator at Chandler Unified School District

February 2002 - August 2011 (9 years 7 months)

• Collaborated on the development of the investigative science curricula in accordance with Arizona state educational standards. • Created instructional videos using Flash, Final Cut Pro, and Sony Vegas Movie Studio. • Wrote content manuals covering physical science topics. • Chosen by school district to develop district science benchmark test. • Increased student participation in the Hamilton Invitational Science and Engineering fair by collaborating on the creation of a science project handbook. • Project Coordinator for the construction and development of the Hamilton H.S. astronomical observatory. • Academic Decathlon and Swim coach. • Faculty advisor for Scuba Diving Club.

Curriculum Development Consultant at Education 2020

February 2005 - January 2007 (2 years)

• Currently developing high school chemistry curricula in accordance with national science standards • Consulting on the development of educational software to include a high school chemistry e-learning course, homework help program, and on-line assessments.

Member 855 MP Company AZ National Guard at US Army

June 1994 - June 1996 (2 years 1 month)

United States Marine Corps at USMC

June 1985 - October 1992 (7 years 5 months)

Marine Corps Reconnaissance and Special Operations Capable (SOC).

1 recommendation available upon request

Certifications

Object-Oriented JavaScript

Udacity   December 2014

JavaScript Basics

Udacity   November 2014

Intro to HTML and CSS

Udacity   October 2014

An Introduction to Interactive Programming in Python

Coursera Verified Certificates   License G5TJ2W2XQH   May 2014

JavaScript: Events

lynda.com   License F857C7   December 2013

JavaScript: Functions

lynda.com   License CEB98F   December 2013

Up and Running with AngularJS

lynda.com   License A66599   December 2013

Up and Running with Articulate Storyline

lynda.com   License 6E7CFE   September 2013

HTML5 Projects: Creating a Responsive Presentation

lynda.com   License C7A485   July 2013

JavaScript: Enhancing the DOM

lynda.com   License 7A9CB7   June 2013

Create a Tooltip with jQuery

lynda.com   License 2B16C5   May 2013

HTML5 Projects: Integrating Google Store Locator

lynda.com   License CE592F   May 2013

Foundations of Programming: Fundamentals

lynda.com   License 9242C9   May 2013

JavaScript Developer

W3Schools.com   May 2013

CSS

W3Schools.com   May 2013

jQuery Essential Training

lynda.com   License 009604   April 2013

JavaScript Essential Training

lynda.com   License E6D003   March 2013

JavaScript and AJAX

lynda.com   License 5E518D   March 2013

Create an Interactive Map with jQuery and Dreamweaver

lynda.com   License 83808B   March 2013

Create an Interactive Photo Gallery with jQuery and Dreamweaver

lynda.com   License 931893   March 2013

Create Navigation Menus with jQuery and Dreamweaver

lynda.com   License 134D3A   March 2013

HTML5 Projects: Engaging Ecommerce

lynda.com   License 3B521B   March 2013

Create an Interactive Homepage Marquee with jQuery and Dreamweaver

lynda.com   License 7A9E4C   March 2013

Designing Web Sites from Photoshop to Dreamweaver

lynda.com   License 21F914   March 2013

HTML5: Structure, Syntax, and Semantics

lynda.com   License 467D24   February 2013

Up and Running with Python

Publications

Scientific Methods: A guide to the scientific method and science projects

Self published. Currently Registered with U.S. Copyright office   November 2008

Authors: David Roth, M.Ed

> This book covers the scientific method as used within the physical sciences and focuses specifically on helping high school students select science fair topics and plan out detailed investigations to include the use of statistics and data analysis.

Courses

Continuing Eductation, Computer Programming, Specific Applications

Maricopa Community Colleges
Flash Digital Animation
C#: Level 1
Java Programming: Level I
Java Programming: Level II
Web Development HTML and Dreamweaver

Independent Coursework

SAP BusinessObjects: Dashboards and Analytics

SAP BusinessObjects Overview

Skills & Expertise

Java
Flash
HTML
Dreamweaver
InDesign
Illustrator
OOP
Instructional Design
Adobe Creative Suite
Training
E-Learning
Staff Development
Program Management

Social Media
Social Networking
Research
PowerPoint
Public Speaking
Editing
JavaScript
CSS3
HTML 5
Photoshop
Web Design
SEO
Online Marketing
Leadership
Management
Creative Direction
Curriculum Design
Multimedia
Educational Technology

Education

Maricopa Community Colleges

Continuing Eductation, Computer Programming, Specific Applications, 2003 - 2010

Northern Arizona University

MEd, Curriculum and instruction Secondary Education, 2002 - 2004

Arizona State University

Post Bac, Secondary Education, 2000 - 2001

Arizona State University

B.S., Sociology,Education, 1994 - 1996

Activities and Societies: Alpha Kappa Delta International Sociology Honor Society

Udacity

Interests

Education, curriculum development, Flash design/development(AS3), Website design, programming Java and
 C#

Volunteer Experience

Web Master at   Jarhead Professionals

2012 - Present (3 years)

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Linked in.

6 people have recommended David

"David is a fantastic consultant and professional that I highly recommend. He was able to help my company take a simple idea and create a website and SEO marketing campaign that we're proud of. At all times, David was a delight to work with. He was professional, responsive & timely, detailed, thorough, and most importantly, he delivered a solid product. I have no doubt that David can handle any problem you put in front of him as he's a tremendously intelligent and resourceful professional. Thanks, David!"

— **Andy McMillan**, was David's client

"David has a keen knack for digesting a lot of information, summarizing the important points, and teaching the information in a way that is easy to understand. I've worked with a lot of trainers and David is unique in his ability to make difficult and complicated methods easy to learn. I would sit with David explaining a fairly difficult process while he sat quietly attentive - by the end of my presentation, he would succinctly repeat back to me the most important aspects and make it easily digestable. I honestly have never seen this skill so purely as it is with David - and to top it all off, he does it every day with a smile. He is an absolute pleasure to work with. I would recommend David to any employer looking for a hard-working, organized and detail-oriented employee who always brings a positive attitude to the workplace."

— **Krag Klages**, *Pre-Sales Engineer, Advertising Services, FetchBack Inc.*, worked directly with David at FetchBack, A GSI Company

"Love this guy. I had the pleasure to head up the interviewing and hiring process on him because his position was so vital to my success and what I was doing. I had some good options, but he stood out. He was like a Swiss army knife for learning, training, documentation, and professional development. But did he deliver? To say his creations as FetchBack exceeded my expectations is an understatement. He was able to provide content that was clear, concise, and delivered in a variety of ways to enable learning and support rapid company growth. Additionally he's fun to have around the office because he's always positive adds a "solutions" attitude to your culture, not a "problems" mindset."

— **Chad Porter**, *Director, Client Operations, Fetchback, a GSI Marketing / eBay Company*, worked with David at FetchBack, A GSI Company

"David is one of those co-workers you can always count on. Whether it be a question about Boolean Logic, or just a little help on getting around a password, David will not only be there to help out, but do it with a smile. If you need something done, you can always count on David."

— **Robert Roth, MBA**, *Account Executive-North East Territory, FetchBack Inc., an eBay Company*, worked directly with David at FetchBack, A GSI Company

"It has been a pleasure to work with David over the past year. He is the consummate professional. David was tasked with creating a scalable, manageable learning platform for a company just exiting startup phase. To accomplish this task, David had to step out of his comfort zone and learn new skills and traits while not missing any deadlines. He did a tremendous job of learning quickly, adapting his skills to fit his new position and has excelled beyond my expectations. I highly recommend working with David Roth."

— **Patrick Schwind**, *Chief Revenue Officer, FetchBack, An eBay Company*, managed David at FetchBack, A GSI Company

"I would recommend David as an absolute proffesional in anything he was to do. David is proffesional and articulate individual and would be a great asset to any organization. R/S Mr. Bob Gray (760) 277-4896"

— **Robert. Gray**, *Safety Specialist, 1st Reconnaissance Battalion*, worked directly with David at USMC

Contact David on LinkedIn