Mark Newman

Front End Web Developer **Phone:** +1.512.487.7778

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WORK EXPERIENCE

**Freelance** Austin, Texas

*Front End Web Developer* 2011 to present

* Delivering **platform-independent**, **responsive**, **sleek**, and **easily modified**, fully functional **sites** and / or **single-page applications** (**SPA**). Stellar front-end habits that blend **W3C's semantic markup** standards with **Google’s Material Design** guidelines *using only those frameworks that are suitable for the tasks at hand*. **Node.js**, **npm**, and **grunt** are staples, but am just as comfortable with LAMP/WAMP. Professional experience with **backbone.js**, currently tackling **Angular2**. Most of the essentials (**HTML5**, **CSS3** and J**avaScript**) are hand-coded with Sublime / Notepad++. For more thorough descriptions and examples of work please visit my **online portfolio** at [markedwardnewman.com](http://markedwardnewman.com/).
* Formally trained as an object-oriented programmer, accomplishments include publishing an **Android app** on **Google Play** and developing a from-the-ground-up **Ruby on Rails** site where users can "tweet" and follow other members' "tweets". It features **SSL encryption**, email-based **account activation** and password reset, secure **authorization encryption** (bcrypt), session-based cookies, and **form validation** with regex constraints- all built with **test-driven development** (**TDD**).
* **Drupal Content Management System**. Experience with user admin, theme creation, template modification, code integration, Commerce Kickstart, and front-end anchoring. Recent advocate of **Kirby**, a file-based CMS.

**Flex | Flextronics** Austin, Texas

*Systems Administrator* | *Jr vb.net Developer* October 2013 to July 2014

* Provided system admin duties in a fast-paced, state-of-the-art prototyping and manufacturing facility. Coded tools to streamline the process. Worked directly with on-site Apple engineers, implementing and supporting changes to Flextronics' proprietary software used to manufacture the new Mac Pro.
* Wrote a **business intelligence tool** to visually monitor production lines for threshold events, allowing breaches to be countered in real-time. This tool *saves the company thousands of dollars per minute*, previously lost to down-time. Also wrote a client-side app that automatically authenticates users to remotely view server logs and start and stop services, saving precious time by not having interface with a virtual server at all. As of 2017, both applications are still continuously in use.

**Imagenet Consulting** | **DynaSource** Austin, Texas

*Systems Engineer* June 2011 to October 2012

* Worked **remotely** and **on-site** for **educational**, **municipal**, and **commercial** clients to digitally standardize their data.
* **Installed**, **configured**, **maintained**, and testeddatabases in conjunction with the Laserfiche ECM suite. Daily activities also consisted of coding accounts payable workflows, resolving database issues, advising clients on best-practice ECM solutions, and setting up pre-sales presentations on virtual machines.

**Kleinsorge Mgmt, LLC** | **Buda Woodworks** Buda, Texas

*Project Manager* December 2007 to May 2011

* Promoted to PM one month after being hired as a draftsman. Managed on average $1.5 million in contract value spread through an average of five jobs.
* Employed PM software for initiation, planning, executing, monitoring, and closing. Used AutoCAD to draft construction plans.
* Improved return on investment by effectively **balancing scope, time, and costs**. Managed client expectations and scope creep by firmly citing terms of contract in a polite manner.

EDUCATION

**Texas State University** San Marcos, Texas

*Computer Science | Mathematics* January 2000 to December 2002

* Relevant coursework included Assembly Language, C++, **JavaScript**, **HTML5**, Principles of **Object Oriented Programming** (OOP), Computational Engineering, Computer Architecture, Calculus, and Discrete Mathematics.
* 90 credit hours completed- the remaining 30 hours to be completed as soon as TSU’s distance learning program becomes official. 3.2 overall GPA.

**Austin Community College** Austin, Texas

*Associate of Applied Science in Programming* June 2015 to May 2016

* Accepted into their newly established **Accelerated Programmers Training pilot program**. Coursework included: **JavaScript** | **jQuery** web apps, Front-end UX/UI, **Mobile Development**, **Python**, **RoR**, HTML5 | CSS3, C# Game Design, Oracle **SQL**, **UNIX**, Technical Writing, and **IT Project Management**. 3.5 overall GPA.

SKILLS

**Languages and Frameworks**

* HTML5
* CSS3 | {LESS} | SASS | Bootstrap
* JavaScript | jQuery | Backbone.js | Angular2 | JSON
* Ruby on Rails | ERB
* Python
* Android | XML | Java
* AJAX | RESTful APIs (AWS Lambda, Wufoo, Google Maps / Books / Adword)
* Drupal CMS, MySQL, PHP | Kirby (a file-based CMS)
* Oracle's SQL
* vb.NET | C#

**Tools and Environments**

* UNIX | Linux | Windows | OS X
* WAMP/LAMP | MEAN | node.js
* npm | gulp, grunt (watch, postcss, autoprefix, CSS3, etc.)
* Visual Studio | Eclipse | Cloud9 | Notepad++ / Sublime
* Amazon Web Services (AWS) | Heroku | Red Hat's OpenShift
* Git | GitHub | Bitbucket | SVN
* Adobe's Creative Cloud Suite