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**). Currently incorporating **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 the tooling flavors of the day, but am just as comfortable in a LAMP/WAMP environment. I prefer hand-coding the essentials (**HTML5**, **CSS3** and J**avaScript** | **jQuery**) using either Sublime or 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 members can "tweet" and follow other members' "tweets". It features **SSL encryption**, email-based **account activation** and password reset, secure **password encryption** using bcrypt, session-based cookies, and **form validation** using regex constraints- all built with **test-driven development** (**TDD**).
* **Drupal Content Management System** (**CMS**). Experience with theme creation, template modification, site integration, and Commerce Kickstart. Recent advocate of **Kirby**, a file-based CMS.

**Flex | Flextronics** Austin, Texas

*Systems Admin* | *Junior .NET Developer* October 2013 to July 2014

* Provided on-site system admin duties and application development in a fast-paced, state-of-the-art prototyping and manufacturing facility. The majority of my time was spent working directly with on-site Apple engineers and implementing and supporting design changes for Flextronics' proprietary software used to manufacture the new Mac Pro.
* Wrote a stand-alone **business intelligence tool in .NET** for monitoring an entire production line for threshold events that alerts the appropriate parties when certain breaches occur. Also wrote a stand-alone admin tool which allows the user to remotely view server logs and start and stop services without having to log into the respective server beforehand. As of 2017, both applications are still being used.

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

*Systems Engineer* June 2011 to October 2012

* While performing contractually for DynaSource, they were bought out by ImageNet, who then hired me full-time. Worked **remotely** and **on-site** in **educational**, **municipal**, and **commercial environments**.
* **Installed**, **configured**, **maintained**, and troubleshot **SQL databases** in conjunction with the ECM Laserfiche server-side software 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 Management, LLC** | **Buda Woodworks** Buda, Texas

*Project Manager* December 2007 to May 2011

* Promoted to project management one month after being hired as a draftsman. Managed on average $1.5 million in contract value spread through an average of five managed jobs at any given time.
* Used project management software to manage the initiation, planning, executing, monitoring, and closing phases of projects. 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**, **HTML**, 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 has been implemented.

**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** Programming, **Mobile Development**, **Python**, **Ruby on Rails**, Game Design (using **C#**), Oracle **SQL**, **UNIX**, Technical Writing, and **IT Project Management**. 3.5 overall GPA.

SKILLS

**Languages, Frameworks, and CMS**

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

**Development Tools and Environments**

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