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- *saving 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 control their services, increasing uptime by bypassing user limits and the need to directly interface with virtual servers. As of 2017, both applications are still continuously in use.

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

*Systems Engineer* | *ECM Developer* 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