Mark Newman [linkedin.com/in/markedwardnewman](https://www.linkedin.com/in/markedwardnewman)

Front End Web Developer markedwardnewman@gmail.com

**Portfolio:** [marknewman.me](https://markedwardnewman.github.io/)+1 (512) 487-7778

WORK EXPERIENCE

**Freelance** Austin, Texas - Beaumont, Texas | Remote

*Front End Web Developer* | *Freelance Consultant* 2011 to present

* Create **platform-independent**, **responsive**, easily-modified, fully functional **sites** and **single-page applications**. Hand-coded **HTML5**, **CSS3** and **JavaScript** when practical, scaffolded when not. **W3C's semantic markup**, **Google’s Material Design** guidelines, *suitable framework implementation*, *rational NPM task-runner and build tool setup* — as desired. Professional contact with **backbone.js**, tinkering affairs with AngularJS and React, engaged to **Angular2**.
* Have a published **Android app** distributed via **Google Play** that uses their Adwords API, generating enough revenue for the occasionally exquisite coffee.
* Have developed a couple of from-the-ground-up **Ruby on Rails** sites with a back-end that shields against nefarious internet shenanigans. Uses **SSL encryption**, email-based **account activation** and password reset, secure **authorization encryption** (bcrypt), session-based cookies, and regexually constrained **form validation**.
* Enough **Drupal** experience to be dangerous— set-up and deployment, account administration, theme / template creation, server-side code integration, and all things front-end. Proponent of **Kirby**, a file-based CMS.

**Flextronics** Austin, Texas

*Systems Administrator* | *Jr. VB.net Programmer* October 2013 to July 2014

* Provided enterprise-level software and system support used to prototype and manufacture several **Apple** products. Coded tools to streamline the process. Worked directly with Apple engineers to implement and support modifications to Flextronics' proprietary software used to manufacture the **Mac Pro**.
* Wrote a stand-alone **business intelligence tool** in VB.net that visually monitors for threshold events, enabling breaches to be countered in real-time, saving thousands of dollars *per minute* previously lost to down-time. Wrote a client-side app to remotely view server logs and control their services, increasing up-time 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** 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 tested the entire Laserfiche ECM software suite. Coded accounts payable workflows, resolved database issues, trained and advised clients, set up pre-sales presentations on virtual machines.

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

*Project Manager* December 2007 to May 2011

* Oversaw commercial millwork projects ranging in value from $10K to $1.5 million. Engineered / drafted architectural plans in AutoCAD. Sourced, negotiated pricing, and maintained inventory for material goods. Created, modified and enforced project milestones with production and with clients. Ensured LEED adherence. Outsourced various aspects of the job when it was advantageous to do so.
* Employed PM software for initiation, planning, executing, monitoring, and closing. Improved return on investment by effectively balancing scope, time, and costs.

EDUCATION

**Texas State University** San Marcos, Texas

*Computer Science* | *Mathematics*

* 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 via distance learning.

**Austin Community College** Austin, Texas

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

* Accepted into the recently 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**.

SKILLS

**Languages and Frameworks**

* HTML, HTML5
* CSS, 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, Commerce Kickstart, 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.), webpack
* Visual Studio | Eclipse | Cloud9 | Notepad++ / Sublime
* Amazon Web Services (AWS) | Heroku | Red Hat's OpenShift
* Git | GitHub | Bitbucket | SVN
* Adobe's Creative Cloud Suite