Mark Newman **Portfolio:** [markedwardnewman.com](http://markedwardnewman.com/)

Front End Web Developer **Email:** [markedwardnewman@gmail.com](mailto:http://markedwardnewman.com/)

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WORK EXPERIENCE

**Ultrapolite, Inc.** Austin, Texas

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

* **Platform-independent**, **responsive**, **easily-modified**, fully functional **sites** and **single-page applications** delivered to virtual front doors across the globe daily. Would-be ribbon winning advocate for **W3C's semantic markup** standards, **Google’s Material Design** guidelines, and *using only those frameworks that are suitable for the task at hand*. Professional contact with **backbone.js**, have had tinkering affairs with AngularJS and React, currently engaged to **Angular2.** **HTML5**, **CSS3** and J**avaScript** are hand-coded when practical and scaffolded when not. Avoids the chaos by playing with **Npm task-runners and build tools** while on break.
* Have a published **Android app** distributed via **Google Play** that uses their Adwords API, generating enough revenue for the occasional exotic coffee.
* Have developed a couple of from-the-ground-up **Ruby on Rails** sites with a back-end that shields against nefarious internet shenanigans. **SSL encryption**, email-based **account activation** and password reset, secure **authorization encryption** (bcrypt), session-based cookies, and regexually constrained **form validation** included.
* Enough **Drupal** experience to be dangerous**.** This includes set-up and deployment, user account administration, theme and template creation, server-side code integration, and all things front-end. Recent proponent of **Kirby**, a file-based CMS.

**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 Apple’s Mac Pro.
* Wrote a stand-alone business intelligence tool in .NET to visually monitor threshold events that allows 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 allows 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** 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 that ranged in value from $10K to $1.5 million. Engineered and drafted architectural plans in AutoCAD. Sourced, negotiated pricing, and maintained inventory for material goods. Created, modified and enforced project milestones with production as well as with clients. Ensured that LEED qualifications were adhered to and followed. 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, 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.

**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**.

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