Mark Newman **Portfolio:** marknewman.me

Front End Web Developer **Email:** markedwardnewman@gmail.com

**LinkedIn:** linkedin.com/in/markedwardnewman

**Phone:** +1 (512) 460-0198

WORK EXPERIENCE

**Freelance**

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

* Deliver **platform-independent**, **responsive**, **easily-modified**, fully functional **sites** and **single-page applications** across the globe daily. 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 experience with **backbone.js**, **Angular**, and **React.** **HTML5**, **CSS3** and J**avaScript** are hand-coded when practical and scaffolded when not. Enjoys playing with **Npm task-runners and build tools** when time permits.
* Presently on contract with **USAA** through **The Millennium Group**. Teamed with an **Agile-based** group of individuals who prefer projects that challenge their extremely rich knowledge base. My contributions began in November 2017, updating the **ETF** project's code-base by making it less redundant and more browser-friendly. I learned **USAA's infrastructure**, how to **navigate legacy code**, and how to use **ERDC** during the enterprise-level **tax-bracket update**. Currently working on the **529 College Savings Plan**, developing the front-end using enterprise and custom **React** components that are tied together with **Redux.**
* Have a published **Android app** distributed via **Google Play** which uses their Adwords API, generating enough revenue for the occasional exotic coffee.
* Developed a couple of from-the-ground-up **Ruby on Rails** sites. Both use **SSL encryption**, email-based **account activation** and password reset, secure **authorization encryption** (bcrypt), session-based cookies, and regex constrained **form validation**.

**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.

**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 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.

**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 towards BS in Computer Science- the remaining 30 hours to be completed when 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**

* HTML5
* CSS3 | {LESS} | SASS | Bootstrap
* JavaScript | jQuery | Backbone.js | Angular2 | React | Redux | 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 | WebStorm | Notepad++ / Sublime
* Amazon Web Services (AWS) | Heroku | Red Hat's OpenShift
* Git | GitHub | Bitbucket | SVN
* Adobe's Creative Cloud Suite