

Cole Mecum

Portfolio: <https://www.colemecum.org>

Address: 6605 Shady Point Drive, Plano, Tx

Contact: (309)-533-8432 | mecum.cole@gmail.com

Professional Experience:

Front-End Developer | Utility Connect L.L.C. | The Colony, TX

08/2015 - Present

- Organized Codebase and started company practice of source control (**Github**) and **unit testing**
- Several Websites, Automated workflow with **Grunt**, Helped set up servers in data center
- Worked with partner to build custom CRM front end (**Jquery**) and backend (**PHP5**)
- Improved loading time on main website by 67%, & reduced size of JS,CSS,IMG by 45%

Freelance Developer | Plano, TX & Iowa City, IA

04/2014 - Present

- Seek out clients, find out their needs, estimated time and cost of completion
- Data mining program, Custom Websites (**Bootstrap, Foundation**), provided hosting

Intern | **Locusic LLC** | Worked from home | <https://www.locusic.com>

04/2014 - 09/2014

- Unit tests (**C#, N-Unit**) for whole entire **MVC** project and created continuous integration deployment system (**Jenkins**)
- Redesigned site's css, Improved on front-end **Javascript**, fixed bugs and improving user experience
- Made site responsive and mobile friendly, created landing page for new users, Improved **Accessibility**

Web Developer | **IMU Marketing and Design** | Iowa City, IA

01/2014 - 06/2014

- Created interactive websites using a content management system (**PHP5, Silverstripe**);
- Implemented **Grunt (Javascript)** tasks to automate workflow, save time and improve performance
- Ensured all web content met accessibility standards; ensured cross-browser compatibility

Software Engineer | **Mazira LLC** | Iowa City, IA

09/2013 - 03/2014

- Worked with Santos Human software (**C#**) troubleshooting, resolving bugs and adding features.
 - Automated front-end workflow using **Grunt**, helped maintain websites and web apps (**Node/JS, JQuery**)
 - Created custom touch gestures for web application (**JavaScript**)
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Projects:

Candy Crush Python Script: Used Python to create curl requests to beat Candy Crush

Twitter Retweet Contest Winner: Python script that parses tweets and retweets them to win contests

Historical Stock Prices Program: Program to get certain historical data on stocks for tax purposes

Personal Website: Website with front end done with AngularJS, Constantly adding little applications

Browser Games: Created the games 2048, Hangman and Snake using Javascript HTML and CSS

Skills:

Languages: Javascript, CSS3, HTML5, Python, PHP, C#

Frameworks/Libraries: JQuery, Bootstrap 3, Knockout.js, AngularJS, Underscore.JS, N-Unit, PHP-Unit, Jasmine,

Other: Github, Agile Development, Continuous Integration, Terminal, Unit Testing, Documentation, Regex

Education:

Heartland Community College, 2011-2012, General Studies

University of Iowa, 2012-2015, Mathematics & Computer Science