**Matthew Morrone**

[matthewmorrone.com](http://matthewmorrone.com) ☐ [matthewmorrone1@gmail.com](mailto:matthewmorrone1@gmail.com?subject=)

**Skills**

☐ Languages Javascript, C#, Visual Basic, Node, PHP, Java, C, Python, Perl

☐ Database MySQL, Oracle, PL/SQL, SQL Server, MongoDB (NoSQL), PostgreSQL

☐ Technologies HTML5, CSS3, Razor, Canvas, SVG, XML, XPath, XSLT, DOM, AJAX, JSON

☐ Libraries jQuery, jQuery UI, jQuery Mobile, Underscore/Lodash, Coffeescript, Sweet (Mozilla)

☐ Frameworks Angular, Knockout, NHibernate, Oracle/JDBC, Backbone, CakePHP, Django (MVC)

☐ Development Git, Visual Studio, Sublime Text 2&3, SVN, XAMPP, MAMP, Eclipse, Aptana

☐ General Shell Scripting/Bash, Photoshop, Microsoft Office, Web Management/Hosting

**Work Experience**[**Leidos**](https://www.leidos.com/)**, Mechanicsburg, PA***Software Engineer (TEKsystems Contractor), November 2014 - Preset* **☐** Repair and augment an ASP.Net web forms application written in Visual Basic.   
☐ Web application used by the military for supply chain management  
☐ Debug and refactor enormous codebase of VB, TSQL, JS/CSS/HTML. Designed primarily to Internet Explorer 8.

☐ Work in Visual Studio, SQL Server Management Studio and Team Foundation Server manager.

* Use Team Foundation Server (Server Workspaces) for version control, Agile method for cooperation.

[**Geodecisions**](http://www.geodecisions.com/)**, Camp Hill, PA**

*Software Engineer (TEKsystems Contractor), June 2014 - October 2014*

☐ Work on the Enterprise GIS system (EGIS), web app that embeds maps into existing and new web applications.  
☐ Design database schema and implement with PL/SQL, implement ORM and MVC with NHibernate via Visual Studio. ☐ Use Razor, jQuery, Bootstrap, etc. to build user interface, extend REST API, upgrade functionality to use AJAX.  
☐ Implement Angular directives to add modular functionality to existing projects.  
☐ Use Grunt, Git, Sourcetree, JIRA, Jenkins to work effectively alongside team members.

[**The Affective Computing Company**](http://www.taccpgh.com)**, Pittsburgh, PA**

*Software Engineer, Database Administrator*, April 2012 – October 2013

☐ Build a content management system with CakePHP and MySQL schema for company employees and customers.

☐ Construct email/text messaging system with PHP/Cron to send messages at specified times.

☐ Design a mobile version of the site for taking surveys with jQuery Mobile and Twitter Bootstrap.

☐ Implement secure password hashing (SHA1, SHA3), access control list, login/session functionality.

[**Learning Research and Development Center**](http://www.lrdc.pitt.edu)**, University of Pittsburgh**

*Undergraduate Research Position*, Perfetti Lab, August 2011 – April 2013

* Design surveys and web applications with HTML, CSS, jQuery and PHP to the specification of graduate students.
* Design web application to upload/download CSV, XML, SQL, etc. files into MySQL. Spreadsheet-like front-end GUI.
* Conduct research that examines the neurophysiology of cross-language and bilingual language processing.

**Education**

University of Pittsburgh – Pittsburgh, PA Graduated April 2014

Bachelor of Science, Department of Computer Science Bachelor of Arts, Department of Linguistics

Data Structures, Algorithm Implementation, Database Management, Applied Cryptography, Machine Learning