Matthew Morrone

matthewmorrone.com □ matthewmorrone1@gmail.com

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

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Work Experience

Leidos, Mechanicsburg, PA

Software Engineer (TEKsystems Contractor), November 2014 - Present

□ 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, 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, 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, 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