

# Matthew Morrone

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## Skills

<input type="checkbox"/> Programming Languages	Javascript, C#, Visual Basic, Node.js, Coffeescript, PHP, Java, C, Python, Perl, Ruby
<input type="checkbox"/> Database	MySQL, Oracle, PL/SQL, SQL Server, MongoDB (NoSQL), PostgreSQL
<input type="checkbox"/> Technologies	HTML5, CSS3, Razor, Canvas, SVG, XML, XPath, XSLT, DOM, AJAX, JSON
<input type="checkbox"/> Frameworks	Angular, Knockout, NHibernate, Oracle/JDBC, Backbone, CakePHP, Django (MVC)
<input type="checkbox"/> Development	Git, Visual Studio, Sublime Text 2&3, SVN, XAMPP, MAMP, Eclipse, Aptana
<input type="checkbox"/> General	Shell Scripting/Bash, Photoshop, Microsoft Office, Web Management/Hosting
<input type="checkbox"/> Spoken Languages	English, French, Spanish, Italian

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## Work Experience

### [The Office of the Attorney General](#), Harrisburg, PA

*Application Development Engineer (TEKsystems Contractor), July 2015 — March 2016*

- ☐ Rewrite software tools (used by HR, Criminal Investigations, etc.) in C#, SQL Server, EF and ASP.NET.
- ☐ Migrate and reimplement functionality previously coded in CRM, Oracle, and Adobe products.
- ☐ Maintain content and fix bugs on both internal and user-facing websites, modify functionality upon user request.

### [Leidos](#), Mechanicsburg, PA

*Software Engineer (TEKsystems Contractor), November 2014 — May 2015*

- ☐ Repair and augment an ASP.Net web app written in Visual Basic 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, 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.
- ☐ 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.

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## Education

University of Pittsburgh – Pittsburgh, PA  
Bachelor of Science, Department of Computer Science  
Data Structures, Algorithm Implementation,  
Database Management, Artificial Intelligence,  
Machine Learning, Natural Language Processing

Graduated April 2014  
Bachelor of Arts, Department of Linguistics  
Graduate-level Second Language Acquisition course  
Phonetics and Phonemics, Phonology, Syntactic Theory  
Lab-based and independent cognitive psych research