

# Matthew Morrone

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## Skills

□ Programming Languages	Javascript, C#, Visual Basic, Node.js, Coffeescript, PHP, Java, C, Python, Perl, Ruby
□ Database	MySQL, Oracle, PL/SQL, SQL Server, MongoDB (NoSQL), PostgreSQL
□ Technologies	HTML5, CSS3, Razor, Canvas, SVG, XML, XPath, XSLT, DOM, AJAX, JSON
□ 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
□ Spoken Languages	English, French, Spanish, Italian, Polish, Russian, German, Farsi, Japanese

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## Work Experience

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

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

- Develop and improve upon software used internally by OAG staff 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 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.

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## Education

University of Pittsburgh – Pittsburgh, PA

Bachelor of Science, Department of Computer Science

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

Graduated April 2014

Bachelor of Arts, Department of Linguistics