

**Alexander Andrew Wood**

**Technical Skills**

* .NET: C#, VB.NET, Silverlight 4.0,5.0 versions: 2.0, 3.0, 3.5, 4.0
* Java Technologies: Java EE, Java SE, EJBs, Servlets, Tag library
* Web Development: ASP.NET, ASP.NET MVC 1.0-3.0, Java Script, JQuery and HTML
* Mobile development: Android Development and Windows Mobile development with the .NET Compact framework and Multithreaded and distributed system development
* C++ and System Development in Linux and Windows
* Tools: Eclipse, Ant, Netbeans, Visual Studio.NET 2005-2010, Dreamweaver, Microsoft Office 2007, 2003, 97 and Open Office
* Database programming with PL/SQL, T-SQL and SQL in .NET and Java
* Oracle, Access, MS SQL, SQL Server, and MySQL
* Software Development Lifecycle (SDLC): class diagrams, domain diagrams, use cases
* XML: XSL, XSLT, XML Schema, XHTML, DTDs, XML, SAX, XML Pull/Stream APIs, DOM, Soap, Rest
* Testing: JUnit, NUnit, batch processes

**Work Experience**

**Wooden Software Development, Inc.**  January 2009 – present

**Software Developer**

*Work with clients such as: Web Solutions Technology,* *The Adventurer's Club of Chicago, Benefit's Express, Tek Serve POS, Bosch Tools, Castle Rock Innovations LLC, Alltranstek, Calvary Church of Naperville, and Chicago’s Best Consulting*

* Build an interactive web site with chat, forums, media, security following an MVC and Layered architecture using ASP.NET 4.0 Web Forms and JQuery with a SQL Server 2008 back and LINQ to SQL data layer.
  + Maintain and developed web portals, web applications and winforms  applications with VB.NET, C#.NET, JQuery, various design patterns, Ajax Toolkit , ASP.NET 2.0 - 4.0 Web Forms, Win Forms and MVC 3.0, and Telerik controls.
  + Built an abstract, dynamic report processing system with generic instantiation of objects and controls following a MVC, PAC, Layers, Blackboard and Pipes and Filters Architectural patterns with SQL Server 2008 R2 and WCF back ends following standard 3 tier architectures.
* Maintained classic ASP pages, JavaScript and AJAX front end, built Silverlight 4.0/5.0 applications using advanced camera and media technology.
* Developed cross platform applications that allowed interoperability between ASP and .NET with a My SQL 5.1 database and ASP.NET technologies.
* Built web applications with MVC 3.0 and .NET 4.0 frameworks with a SQL Server 2005 backend and LINQ to SQL business logic tier and Jquery with CSS 2.1 and 3.0 front end with pages rendered by the Razor Engine.
* Built SharePoint websites with ASP.NET 3.5, Telerik Controls, JavaScript, AJAX, XML, XSLTs, CSS 2.0 and 3.0, JQuery, T-SQL, SQL Server 2008R2 and SharePoint 2010.
* Created SOA applications with .NET 2.0 and 4.0 and JavaScript, with Oracle 10g - 11g databases, and using ASP.NET and Winforms.
* Created mobile and full websites using the .NET framework in C# and VB.NET, worked with JQuery, Java Script, XSLT, and mobile web frameworks. Iosolutions.org, revenuestorm.com, publicsafetyrecruitment.com, tampa.edu/mobile, etc.
* Volunteered to develop and maintain the website for church: <http://www.calvarynaperville.org> created in PHP and AJAX.
* Interfaced with clients and built ASP.NET websites with SQL Server 2008R2 back ends and JQuery front ends.
* Built desktop and mobile applications with Android and windows mobile development and ASP.NET 4.0 web applications and sites in ASP.NET.

**DePaul University** January 2008 – June 2010

**Teacher’s Assistant,** January 2009 – June 2010

* Graded and oversaw assignments given to students in programming and conceptual courses.
* Built Java, J2EE, Cup and Flex applications for research in Trace-ability and analyzed decisions made to see what different outcomes could be.
* Received almost full scholarship and stipend from DePaul University for this role.

**Database Programmer,** January 2008-June 2008

* Generated programs and databases that were used in traceability research with a group of five graduate students at DePaul University.

**College of Dupage** December 2006 - May 2007

**Science and Mathematics Tutor**

* Tutored calculus, physics, computer science, geometry and algebra.

**Education**

* **Masters of Software Engineering from DePaul University -June 2010 (G.P.A.: 3.92)**
* **Bachelors of Science of Computer Science from DePaul University –June 2009 (G.P.A.: 4.0)**

**National Science Foundation Mentor** – DePaul University, September 2008 – June 2009

Oversaw the development of a couple of students in the computer science program at DePaul.

* **Associates of Science of Computer Science from College of Dupage -May 2007 (G.P.A.: 4.0)**

**EDUCATIONAL Awards**

* Golden Key Honours Society, Upsilon Phi Epsilon Computer Science Honors Society, Tau Sigma Honors Society, Phi Theta Kappa Honors Society, Phi Kappa Phi Honors Society, Association of Computer Machinery (ACM), and National Science Foundation Scholarship Recipient