

## Justin C. Miller

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<b>Goal</b>	To obtain an IT position in the Fox Valley that utilizes my experience with databases and programming.
<b>Professional Summary</b>	Computer Programmer with strong schooling (Bachelor and Masters degrees) in database and object-oriented programming. Enjoy teaching/mentoring others about computer technology as well as learning. Taught graduate and undergraduates C and C++, aided CESA 6 webmaster in learning ASP, and have tutored, graded, and lectured in several programming courses (Java, C/C++, Visual Basic).
<b>Technical Skills</b>	<b>Languages:</b> C/C++, Java, Visual Basic, C#, SQL, VBScript, JSP, ASP, JavaScript, CSS, HTML <b>Databases:</b> SQL Server 2000, Access 97/2k/2002, MySQL <b>Op Systems:</b> Win 9X/2k/XP, Linux, Mac <b>Applications:</b> Visual Studio .NET, FrontPage, DreamWeaver, Photoshop, Word, Excel, PowerPoint <b>Also on my own time:</b> Python, Perl, PHP, XML, Servlets, Flash, Apache, Tomcat <b>Typing:</b> 80+ WPM
<b>Experience</b>	<p><b>C++ Contract Programming</b>, Iowa City, IA, Fall 2004 (3 months)</p> <ul style="list-style-type: none"> <li>→ Rewrote PhD Ohlmann's (UI Business Dept) Dissertation, was asked after taking a prior class with him</li> <li>→ Focused on Object-Orienting the thesis, and also looked for optimizations in speed and memory</li> <li>→ Involved writing a heavily object-oriented C++ application in a Linux environment (G++, C++, STL)</li> </ul> <p><b>Teacher at the University of Iowa</b>, Iowa City, IA, January 2004 to December 2004</p> <ul style="list-style-type: none"> <li>→ Programming with C++, 3 credit course offered at the University of Iowa (C++, .NET, G++) <ul style="list-style-type: none"> <li>➢ 24 students (18 graduates, 6 undergraduates over a wide range of departments)</li> </ul> </li> <li>→ Programming in C, 3 credit course offered at University of Iowa (C, GCC) <ul style="list-style-type: none"> <li>➢ 9 students (mixture of graduates and undergraduates)</li> </ul> </li> <li>→ Designed the entire course (Exams, Lectures, Homeworks, and TextBook)</li> </ul> <p><b>Tutor &amp; Grader at the University of Iowa</b>, Iowa City, IA, August 2003 to December 2003</p> <ul style="list-style-type: none"> <li>→ Taught 2 weekly discussion sessions and graded student homeworks for Data Structures (C++, Java)</li> </ul> <p><b>Sales Associate at Staples</b>, Fond du Lac, WI, Jan. 2003 to January 2004</p> <ul style="list-style-type: none"> <li>→ Sold IT hardware, software, and service plans, handled complaints, answered IT questions</li> </ul> <p><b>IT Intern, Center for Community Partnerships</b>, Oshkosh, WI, Feb. 2002 to Dec 2002</p> <ul style="list-style-type: none"> <li>→ Mentored CESA 6 Website Administrator on how to create dynamic webpages (ASP, Access)</li> <li>→ Designed UW-Oshkosh Registration Department Site (DreamWeaver, HTML, CSS)</li> <li>→ Installed &amp; Setup Computers for Hmong families through an interpreter (Windows 2k)</li> <li>→ Lead the Employee Activities Team &amp; Golf Outing (planning events, invitations, reservations)</li> </ul> <p><b>Tutor &amp; Grader, UW-Oshkosh Computer Science Dept.</b>, Oshkosh, WI, Sept. 2000 to Dec. 2001</p> <ul style="list-style-type: none"> <li>→ Aided entire classes and graded projects (C++, Java, and Visual Basic)</li> </ul> <p><b>Tutor, Student Support Services of UW Oshkosh</b>, Oshkosh, WI, Sept.2000 to Dec. 2000</p> <ul style="list-style-type: none"> <li>→ One-on-One tutoring with Low-Income or First generation students (C++, Math)</li> </ul> <p><b>Lab Consultant, UW-Oshkosh Academic Computing</b>, Oshkosh, WI, Jan. to May 2000</p> <ul style="list-style-type: none"> <li>→ Answered student questions in a lab of 70 computers, ½ IBM, ½ iMac (Windows 2000, Mac OS)</li> </ul>
<b>Education</b>	<p><b>MS Degree in Computer Science</b>, Artificial Intelligence, Graduated December 2004 (1 ½ years)</p> <ul style="list-style-type: none"> <li>→ Lead Programmer in Database Project, our own eBay (JSP, Python, SQL Server 2000, HTML, CSS)</li> <li>→ Team Leader of Project in Software Engineering, Change Management System (JSP, MySQL)</li> <li>→ Leader Programmer in Heuristic Search Methods Project, Schedule NFL Football Season (C++,G++)</li> <li>→ 3.90 GPA (out of 4.0) for all 10 courses (30 credit hours)</li> </ul> <p><b>BS Degree in Computer Science with Honors</b>, Magna Cum Laude, Graduated Dec. 2002 (3 ½ years)</p> <ul style="list-style-type: none"> <li>→ Senior Honors Thesis - <i>Developing Pedagogical Visualizations of Dense Matrix Operations on Interconnection-Network SIMD Computer</i>, animation of parallel algorithms for the classroom</li> <li>→ Presented Thesis Research at MICS 2003 Conference in Duluth, MN (Java)</li> <li>→ Designed exercises for Intro to Java students to using Lego Mindstorms Robots, Senior Project (Java)</li> <li>→ Sample CourseWork: Advanced Java (Threads, GUIs, &amp; Event Handling), Database (Oracle, SQL)</li> <li>→ 3.96 GPA in Computer Science, 3.79 GPA overall (both out of 4.0)</li> <li>→ Who's Who Among American Colleges, 3 semesters on Dean's List, 3 semesters on Honor Roll</li> </ul> <p><b>Campbellsport High School</b>, Graduated June 1999</p> <ul style="list-style-type: none"> <li>→ 4.26 out of 4.30 GPA (4 of 180), Teacher's Assistant, Baseball &amp; Basketball Statistician &amp; Webmaster</li> </ul>