Karol Tinsley

SKILLS & INTERESTS

Web: HTML, CSS, ASP.NET (Web forms & MVC), PHP 5, JavaScript, jQuery (UI), AJAX
Databases/Data Mining: MSSQL, MySQL, DB2, SSRS, SSIS
Languages: C#, C++, C, Java, Bash
Tools: Git, Vim, Perforce, Visual Studio, Adobe Photoshop
Operating Systems: Windows, Mac OSX, Linux, Windows Server 2003/2008
Interests: User Interfaces, Database Applications, Artificial Intelligence, and Graphics

WORK EXPERIENCE

Research in Motion
Software Profiling Developer
May 2012 – August 2012

- Designed, developed and deployed multiple SSRS reports using advanced SQL queries for executive level inquiries.
- Developed SSIS job transferring data from an ORACLE database to MSSQL with file I/O and input parsing in C#.
- Acted as a front-end web UI consultant for HTML, CSS and UI related questions.

Research in Motion
Software Tools Developer
Sept. 2011 – Dec. 2011

- Designed and restructured all ASP.NET reporting tools maintained by OS Profiling under one unified web interface and upgraded from .NET 2.0 to 4.0.
- Contributed to the redesign as well as initial development for a web tool maintained by OS Development Tools, written in ASP.NET MVC 3 Razor in C# using agile development.

Research in Motion
Software Tools Developer
Sept. 2010 – Dec. 2010

- Maintained internal web tools written in ASP.NET with C#, working extensively with ADO.NET to complete multiple feature requests and bug fixes.
- Optimized the front end HTML/CSS for the web tools to allow for better cross browser compatibility and code readability.

BMO Bank of Montreal
Web Developer
Jan. 2010 – April 2010

- Designed and implemented a meeting room scheduler in ASP.NET with C#.
- Developed and maintained multiple web projects across the BMO network concurrently.
- Aided in the reimplementation of BMO.com that made it one of the highest rated banking websites out to the public.

Christie Digital
Software QA
May 2009 – August 2009

- Rewrote test automation scripts in VBScript to allow for cross compatibility with Java and .NET Windows applications.

PERSONAL PROJECTS

Chao Stats
Nov. 2012 – Current

Web tool created using custom PHP MVC framework to keep track of chao statistics, races and karate matches from the videogame Sonic Adventure 2 Battle.

XLib Side Scrolling Game
January 2013

Used Xlib and C++ to create a side scrolling video game where the player controls a helicopter and drops bombs on missiles/missile launchers.

Sky's Content.com
March – April 2012

Website created for displaying story written by myself with fully functioning administration panel for adding, updating and removing chapters.

Hespeler Model Aviators
Feb 2011 - Current

Small website for RC Airplane/RC Helicopter club using CSS3 navigation, google maps API, and PHP folder functions for the gallery.

EDUCATION

University of Waterloo
Candidate for Bachelor of Computer Science with Software Engineering Option
September 2008 – Current