Stephen Chen

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TECHNICAL SKILLS

- Programming: Java, C/C++, C#, LINQ, Python, HTML5, JavaScript, PHP, Groovy, Silverlight
- Libraries/Framework: .NET 4.5, ASP.NET MVC, Web API, jQuery, d3, Django, Rails, Grails, KnockoutJS
- DBMS: Neo4j, MySQL, SQL Server, SQLite, Oracle, Microsoft Access
- Tools: Git, SVN, ClearCase, ClearQuest, Code Collaborator, Putty, Cygwin, Crystal Reports
- Editors: IntelliJ, Vim, Visual Studio, Eclipse, Aptana Studio, Xcode, Notepad++
- Operating Systems: Windows, Mac OS X, LINUX (CentOS, Ubuntu, FreeBSD)

SOFT SKILLS

- Excellent organizational and time management skills from managing multiple developer tasks at Quanser and Pulse.
- Outstanding teamwork skills developed from working with development team on client project at ThoughtWorks.
- Great leadership skills gained from acting as President of Computer Science Club and Social Convenor of Riverdale Against Discrimination Club in High School.
- Sharp observational skills from monitoring research experiments as a teaching assistant.
- Excellent communication skills gained from writing technical documentation at Quanser and Sandvine.

WORK EXPERIENCE

Archon Systems Inc., Software Developer, Toronto, ON, May 2013 – July 2013
Tools Used: Visual Studio, Git, Pivotal Tracker, Log4Net, Javascript, LINQ, ASP.NET MVC, Web API, WPF
- Helped maintain and improve the company product, inFlow Inventory.
- Implemented a web portal using .NET MVC and Web API for release with upcoming version.

ThoughtWorks Inc., Consultant, Chicago, IL, September 2012 – December 2012
Tools Used: IntelliJ, Grails, Groovy, JIRA, Vim, KnockoutJS, HTML5
- Utilized agile development methods for IT consulting for client Partners In Health in Boston, MA.
- Implemented and deployed an inventory supply chain tool for hospitals and warehouses in Haiti.

Sandvine Incorporated, Software Engineer, Waterloo, ON, January 2012 – April 2012
Tools Used: TCL, ClearQuest, ClearTool, FreeBSD 8, Vim, Putty, Notepad++, Code Collaborator
- Gained in depth knowledge of coding of Linux and Unix systems.
- Controlled nightly test runs as well as error reporting.

Pulse Microsystems Ltd, Database Architect, Mississauga, ON, September 2010 - August 2011
Tools Used: Visual Studio, Silverlight, C#, Java, SQL Server,
- Re-engineered and migrated existing database into a new relational model.
- Upgraded existing Purchase Order VB application into a C# web application in Silverlight platform.

Quanser Consulting Inc, Programmer/Analyst, Markham, ON, September 2009 – April 2010
Tools Used: Visual Studio, C#, JavaScript, ASP.Net, Microsoft Access
- Developed internal web applications dedicated to streamlining the production process of the Engineering team.
- Led a data and application migration from MS Access to SQL Server 2008 in March 2010.

CanWest, Programmer/Analyst, Toronto, ON, April 2008 – August 2008
Tools Used: Visual Studio, JavaScript, .Net 3.5, VB Script, Crystal Reports, C#, SQL Server

- Developed a computer rename tool using C# and VBScript to allow easy synchronization of naming convention.
- Integrated automated deployment for Crystal Reports into existing deployment application.

EDUCATION

Bachelor of Software Engineering, Honours Software Engineering, University of Waterloo, Waterloo, ON, September 2007 – April 2013.

Relevant Assignment(s):

Undergraduate Research Assistant, January 2013 – April 2013
- Assisting Dr. Derek Rayside in rewriting a research paper on synthesizing iterators from relational logic specification language.

Fourth Year Design Project, October 2011 – February 2013
- Android phone application development for Sana MIT.
- Engineered a phone application designed to provide live patient data feed for doctors and nurses working in the field.

Operating Systems, January 2011 – April 2011
- Programmed an operating system on a Coldfire motherboard with basic memory management, processes, threads, and scheduling.

PERSONAL PROJECTS

League of Legends Chat Bot
Tools Used: Python, MySQL, Aptana Studio, Git
- Implemented a chat bot designed to respond to private messages commands from players and reply with requested information such as time until next win of the day, win/loss ratio, player rankings and ratings.

Social Networking Designed For Students
Tools Used: Python, Django, MySQL, Aptana Studio, Git, Bootstrap
- Designed and implemented a small social networking site designed to connect students with other students taking their courses or students who have previously taken the course to facilitate note sharing and tutoring.