

ERIC SINGH

Software Developer | EricSingh.com

PROFESSIONAL EXPERIENCE

Software Developer	PEER Group — Kitchener, ON	2012 to Present
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- Software developer responsible for driving solution design and development.
- 5+ international trips to integrate completed solutions at customer sites. Exceptional onsite performance earning great customer satisfaction, loyalty and increased business.
- Facilitated PEER Group's achievement of Intel's Preferred Quality Supplier (PQS) award. One of only 26 PQS award winners selected from thousands of Intel's suppliers.
- Responsible for carrying 24/7 support phone; providing service for mission critical software operating in North American fabrication plants and timely issue resolution for customers.
- Collaborating with the customers throughout the SDLC. Participating in project planning and meeting with customers for requirements gathering. Authoring software documentation and conducting requirement analysis.
- Developed numerous innovative factory automation C# software solutions for high-volume precision manufacturing.
- Extensive contribution to the development of a modular, robust, maintainable framework that is used across a line of custom automation solutions.
- Maintaining released software: performing upgrades, issue resolution and version control.
- Mentoring junior developers and performing code reviews
- Helped develop a maintenance tracking web application used by engineers to perform service operations on field equipment. Utilized: AngularJS, HTML, JS, CSS, Karma and Jasmine.

TECHNICAL PROFILE

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- **Proficient:** C# .NET, SECS/GEM
 - **Familiar:** Web Languages (AngularJS, JS, HTML, CSS), XML, C, Windows Installer XML (WiX)
 - **Dabbled in:** Objective-C, Java, Python, C++, OpenGL, ASP.NET
 - **IDEs:** Visual Studio 10/12/13/15, Eclipse, Xcode, Dev-C++
 - **Methodologies:** Scrum, SDLC, OOAD, Agile
 - **Other:** Team Foundation Server (TFS), .NET, WCF, WPF, MS SQL Server, MS Test Manager, MS Dynamics CRM, TFBuild, Enterprise Architect, UML, SML, Node.js

EDUCATION

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| · BSc: Computing & Computer Electronics, Minor in Geography | 2012 |
| Wilfrid Laurier University – Waterloo, Ontario. | GPA: 3.5 |
| · Advanced Diploma: Electronics Engineering Technology – Telecommunications | 2009 |
| Conestoga College – Kitchener, Ontario. | GPA: 3.5 |

ADDITIONAL TECHNICAL EXPERIENCE

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- **iOS Application.** Developed and published the “City Trivia” app in the iTunes App Store. [Objective-C]
 - **Web Development.** Built personal website <http://ericsingh.com> and also websites for several local businesses <http://ericsingh.com/portfolio/portfolio.html>. [JavaScript, HTML, CSS, XML]
 - **Stock Analysis.** ASP.Net application used to track and analyze stock portfolio. [ASP.Net, C# 6.0, HTML, CSS, Razor, XML]
 - **Automotive Collision Mitigation System.** Developed a C application that communicates with the Collision System via USB. The application interacts with the microcontroller and analyses the data. The GUI provides a visual of the target's distance and velocity and a real-time graph. [C]
 - **Spiderman Animation.** Developed an interactive character animation. [C/C++, OpenGL]

AWARDS AND RECOGNITION

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| · Project of the Year , Automotive Collision Mitigation System | Conestoga College, 2009 |
| · Achievement Award , First-Year Academic Excellence | Conestoga College, 2007 |