**HAMRIT SIDHU** [hamritsidhu@gmail.com **·**](mailto:hamritsidhu@gmail.com)(647) 523-7244

2B Mechatronics Engineering **·** University of Waterloo 251 Lester St. Unit 404, Waterloo ON

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**TECHNICAL SKILLS**

 **Languages:** C#, Java, C++, C, JavaScript, SQL, Python, LINQ, MATLAB, PHP

 **Web Development:** AJAX, HTML, CSS, JSON, XML, Telerik Controls

 **Frameworks & Libraries:** ASP.NET, ASP.NET MVC, jQuery, SharePoint, Bootstrap

 **Databases:** Microsoft SQL Server, NHibernate, Entity Framework, SQLite

 **Tools & Software:** Visual Studio, Business Intelligence Development Studio (BIDS), Git, IIS, Dev C++, Eclipse, NX

8.0, AutoCAD, SolidWorks, Keil µVision4, Sublime Text, PHP Storms

 **Operating Systems:** Windows, Mac OS X

**EXPERIENCE**

**.NET Software Consultant** Sept. 2013 – Dec. 2013 · May 2014 – Aug. 2014

*Systemgroup Consulting Inc. (Microsoft’s 2013 Canadian Partner of the Year), Mississauga, ON*

([http://systemgroupinc.com)](http://systemgroupinc.com/)

Worked with leading edge Microsoft technologies with focus on the Microsoft Application Platform in an agile scrum- based environment. Designed and built multiple features of customer web applications– server and client-side development – integrated with appropriate BI technologies. Created clean frontend user experiences along with a performance-optimized backend infrastructure.

**Software Developer** Jan. 2013 – Apr. 2013

*WealthServ (BlueSun Inc.), Burlington, ON* ([http://wealthserv.com)](http://wealthserv.com/)

Performed various database administration tasks, for insurance-based business operations, including creating and running weekly jobs to update linked databases and big data analytics reporting. Engaged in daily team meetings and conference calls to discuss the implementation of software and insurance solutions.

**EDUCATION**

**Candidate for Bachelor of Applied Science (BASc),** *Mechatronics Engineering, University of Waterloo, Class of 2017*

 Relevant Courses: Computer Structures and Real-Time Systems, Microprocessors and Digital Logic, Data

Structures and Algorithms, Digital Computation

 President’s Scholarship of Distinction: 95%+ average

**Ontario Secondary School Diploma,** *Lester B. Pearson Collegiate Institute, Agincourt, ON, Class of 2012*

 Advanced Placement Academic Program; graduated in top 2% of class with multiple recognitions

**LEADERSHIP & PROJECTS**

 **Personal Website –** Currently developing a personal portfolio and blog using the .NET framework

 **Hackathon Projects:**

- Budget Motivator web app built with JavaScript, Node.js and SQLite

- Social Grid web app integrating Facebook, Twitter and LinkedIn APIs

 **Director** of the WEC Programming Competition and Engineering Career Fair at the University of Waterloo

 **Treasurer** of the Student Administrative Council at Lester B. Pearson Collegiate Institute

 **Vice President** of DECA at Lester B. Pearson Collegiate Institute