

## Stephen Walsh

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[github.com/sgawalsh](https://github.com/sgawalsh) | [linkedin.com/in/sgawalsh](https://linkedin.com/in/sgawalsh) | [youtube](https://youtube.com/sgawalsh)

### EDUCATION

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#### Western University, London, Ontario, Canada

Graduated June 2015

BESc - Electrical Engineering

*Senior design project consisted of the design and construction of a glove capable of measuring acceleration, jerk, and force acting on user's hand, then importing this data to be displayed on a GUI.*

#### Riverdale Collegiate Institute, Toronto, Ontario, Canada

2006 - 2010

*Ontario Scholar, earned Ontario Secondary School Diploma in June 2010*

### SUMMARY OF QUALIFICATIONS

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- Strong problem-solving abilities, able of thinking creatively to design and build solutions to complex problems. Have demonstrated these skills in both low-level scenarios such as writing scripts, as well as high-level scenarios such as designing the architecture of a system.
- Strong presentation skills, can explain complex functionality and concepts in a clear and concise manner. Capable of reading and addressing client concerns, and mapping desired requirements to system functionality.
- Quick learner, able to learn new programming languages and libraries quickly and implement them effectively
- Experience working on multiple projects simultaneously, identifying and prioritizing most important tasks as well as managing time to ensure that project deadlines are met.

### EMPLOYMENT

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#### [Speridian Technologies Canada Inc](#), Toronto, Ontario, Canada

Jul 2017 – Oct 2018

Application Developer

- Configured Oracle Service Cloud Application to match business processes of various clients
- Implemented custom functionality based on customer requirements through the use of PHP and .NET APIs
- Contributed to system design during meetings with solution architect and senior developers
- Designed database structure in order to meet client business requirements
- Participated in client meetings in various roles (requirement gathering, presenting application functionality and receiving client feedback, presentations to end users)
- Contributed to successful responses to RFP documents, mapping features available in application to listed requirements
- Created documentation detailing technical processes of system for the future use of clients
- Worked on collaborative, in-house, proof-of-concept projects designed to test limits of customization of application
- Was responsible for a maintenance project using a previously established code base, patching previously missed bugs, as well as implementing change requests according to updated client requirements

**Miipe Quality Assurance, Vaughan, Ontario, Canada**

**Jan 2016 – Jun 2016**

**Test Analyst**

- Designed and wrote automated test scripts to ensure functionality of asset management software
- Wrote, edited, and executed test cases and logged defects through to completion, adjusting defect priority as required
- Communicated between development teams and senior management to track defects and ensure that SLAs were met
- Attended online meetings with clients and development teams to monitor progression of projects
- Was tasked in a smaller team for a side project, in which we were responsible for ensuring the functionality of a new web application during its development and release

**NiSoft, Belfast, Northern Ireland**

**Summer 2014**

**Intern**

- Participated in in-house meetings to interpret client requirements and plan high-level system design
- Prepared and delivered presentation communicating key functional requirements from client to development team
- Tested software releases for defects and verified fixes
- Created and edited technical documents detailing testing procedures for systems, as well as functional documents to be used as forms within a system

**ADDITIONAL SKILLS**

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- Programming Languages: Python, C++, C#, Java, PHP, JavaScript, Shell Scripting, HTML, CSS, SQL, VBA
- Programming Frameworks & Libraries: .NET, Django, Tensorflow, Keras, Numpy, Scipy, jQuery, Git
- IDE & CAD Programs: Microsoft Visual Studio, Eclipse, CirCAD, Eagle, MicroCap, MATLAB and Simulink
- Electrical Engineering: PCB Design, Filter Design, Component Design, Circuit Design, PLC Programming
- French Bilingual Certification