

# Connor Sheehan

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github.com/cgsheeh

## Highlights of Qualifications

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- Enrolled in the Software Engineering and Co-Op Program at McMaster University
- Multiple years experience in an IT work environment
- Fast learner with a strong work ethic
- Approachable and collaborative team player willing to assume leadership roles

## Education

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### McMaster University

*Bachelor of Engineering (Software), Level III*

**Hamilton**

*2013–Present*

### Relevant Projects and Course Work

- Implemented a spell checking application in Java using a ternary search trie for immediate lookups on a 650,000 word dictionary
- Implemented a Connect Four game in Java with game saving and a computer opponent using the Model-View-Controller architectural pattern
- Managed an open source Python redevelopment project of the *OpenBazaar* application with a focus on documentation and implementation techniques. Completed work included specifying Requirements, creating a Module Guide, automatically generating a Module Interface Specification from source code, creating a test plan with report, implementing a GUI and creating a setup script to install dependencies

## Experience

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Relevant.....

### Software Imaging Assistant

**Oshawa**

*University of Ontario Institute of Technology - ITServics*

*May–August 2013–2014*

Summer employment opportunity assisting in the laptop image creation and deployment process.

Responsibilities included:

- Building development images with required application and operating system configurations specific to each individual program of study;
- Capturing laptop physical disks to virtual images using Symantec Ghost and WinPE;
- Deploying software images to thousands of laptops for student use;

### Software Packager

**Oshawa**

*University of Ontario Institute of Technology - ITServics*

*May–August 2015*

Prepared hundreds of software titles for deployment through LANDesk Asset Management Portal

Responsibilities included:

- Creating and testing setup scripts for hundreds of software titles using AutoIT and VBScript;
- Testing and verifying software deployments on virtual machine infrastructure;
- Creating an automated virtual test suite for software deployments utilizing a C# wrapper for VMWare VIX API;

Additional.....

### **Grocery Clerk**

*Justin's No Frills*

Stocked shelves and maintained inventory while attending high school

**Whitby**

*2010-2013*

## **Skills**

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Programming Languages.....

- Proficient with Java, Python 2/3, C#, AutoIT, Bash Scripting and L<sup>A</sup>T<sub>E</sub>X
- Experience with VBScript, Powershell Scripting, MATLAB, NASM Assembly, C, JavaScript, jQuery, HTML, CSS

Other Computer Skills.....

- Experienced with Windows and Linux Desktop Environments
- Microsoft Office Suite
  - Git

## **Soft Skills**

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- Good communicator, both verbally and written
- Quick learner with exceptional reading comprehension
- Able to multitask and manage deadlines in a professional manner
- Excellent interpersonal and customer service skills
- Excellent interpersonal skills
- Team player

## **Other Interests**

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I like to enjoy my spare time by socializing with friends, working out, cycling, playing chess and learning new things.

*References available upon request.*

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🌐 [github.com/cgsheeh](https://github.com/cgsheeh)

**Engineering Company X Dept**  
Engineering Company  
1280 Main Street West  
Hamilton, Ontario

Monday, January 11th, 2015

To Whom It May Concern,

I am currently enrolled in the Software Engineering and Co-Op program at McMaster University and would like to make an inquiry into obtaining a 12 month co-op position at your company. I have reviewed your company's website and am certain that I will make an excellent addition to your corporate culture and products.

My education at McMaster University has provided me with many skills and experiences which will be beneficial to your organization. Courses from basic programming to concurrent software design have given me a solid background in coding which I still develop today. Hardware based courses provided me with an understanding of low level computing abstractions and physical implementations of digital logic. Essential to any engineering education is a detailed mathematics background. This includes four calculus courses and several courses in discrete maths, algorithms and their applications. This body of technical knowledge will help me find the solution to any problem quickly and effectively.

Aside from my education, I have also been employed at the University of Ontario Institute of Technology for the past three summers. In my first two summers I was a computer imaging assistant. My role was to assist three full time computer imaging technologists in the development of desktop and laptop images for institutionally owned computers, as well as work with other student employees in an imaging lab to prepare thousands of computers for distribution. This experience helped me develop my soft computer skills and learn many details about enterprise computing. The third summer I was given a promotion to software packager. My charge was to gather the correct licensing and installation files and compile an installation script for automated deployments through the LANDesk Management Suite. This job provided me with extensive programming experience as well as knowledge of different deployment technologies and frameworks. All of this experience will be beneficial to your organization.

I would be extremely interested in joining your team for a co-op term to learn from a group of people equally as enthusiastic as I am. I look forward to hearing from you to discuss my skills and qualifications further. Please contact me via the Engineering Co-Op and Career Services office ([engcoop@mcmaster.ca](mailto:engcoop@mcmaster.ca)), or via my email ([sheehacg@mcmaster.ca](mailto:sheehacg@mcmaster.ca)). Thank you for considering me in this position.

Best regards,

**Connor Sheehan**

*Attached: curriculum vitae*