**Website**
connorjsmith.me

**Github**
github.com/connorjsmith

**Email**
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# Connor J. Smith

BASc. Candidate, Computer Engineering
University of Toronto, Expected May 2018

## Education

**BASc., Computer Engineering**
University of Toronto
cGPA: 3.87/4.0
Expected May 2018
Graduation date includes Co-Op year

Pursing a BASc. with a focus on embedded systems, networks and operating systems.

Awarded for continually demonstrating both outstanding academic performance and community involvement.

Ranked within the top 10% of students in my year based on academic achievement.

## Experience

**Software Engineering Intern**
Microsoft
May 2016 – August 2016

Processed and analyzed telemetry data to provide key insights into Windows 10 adoption within the enterprise segment.

Decrease the time to produce overall customer health reports by 90%, allowing executives to better allocate resources and unblock large Windows deployments.

Implemented tooling to automatically detect broken jobs within the telemetry platform.

**Software Engineering Co-Op**
Top Hat, Inc.
tophat.com
May 2015 – September 2015

Designed and implemented the textbook content platform used by nearly 300,000 students and professors worldwide.

Lead development initiative responsible for integrating and liasing with a third-party WYSIWYG LaTeX and MathML editor.

Platform was implemented using Backbone.js and various Javascript libraries on the front end and Python (Django) on the back end.

**Director of Mentorship**
General First Year Engineering
March 2014 – March 2015

Operated an organization of over 50 upper year mentors designed to help integrate 200 first year engineering students into university life.

Coordinated and trained all mentors, allowing for various team-building events throughout the year.

## Projects

**Distributed Processing System**
University of Toronto
February 2016 – April 2016

Created a general distributed processing system which accepts partitionable jobs and efficiently assigns them to worker processes

Implemented fault tolerance and efficient load-balancing algorithms using the Apache ZooKeeper framework.

**Mapping and Routing System**
University of Toronto
January 2015 – April 2015

Developed and documented a full, graphical Google Maps-like application using C++ and OpenStreetMap data within a team of three engineering students.

Implemented and modified the Dijkstra, A-star and genetic algorithms to achieve a top 10 solution ranked amongst peers.

**Various Hackathons**
Code available on Github

YHack(2013), Hack The North (2014), UofT Hacks (2015, 2016)

## Skills & Tools

**Programming Languages**
Python, C++, C, Javascript, HTML5/CSS3, Java, Verilog, Assembler, MATLAB

**Development Tools**
Django, Git, Quartus II FPGA Suite, Linux/bash, Vim

**Relevant Courses**
Computer Security, Operating Systems, Computer Networks, Distributed Systems, Algorithms & Data Structures, Computer Organization