

Jacob Young

33 Cardigan St. Apt 201
Guelph Ontario, N1H 3Z5

(905)-517-5255 (Cell)

jyoung17@uoguelph.ca

<https://ca.linkedin.com/in/jacobyoun97>

Technical Skills/Abilities

- Utilized C to develop at least 12 projects including reading in larger amounts of data stored in files taken in from the command line
- Applied Java to self develop a 100% correctly functioning store search and for editing an application used by the cable, satellite, and IPTV industries
- Built web pages for two enterprise web applications with HTML, CSS and JavaScript
- Applied the software development process with every coding project

Education

**Bachelor of Computing, Computer Science
Major and Mathematics Minor (Co-op)**

September 2015 – April 2020

University of Guelph, Guelph, Ontario

- Placed on the Dean's Honours List Fall 2015 and 2016, and Winter 2016 and 2017
- Received entrance scholarship for 90% and higher average in high school
- Improved writing and communication skills when working through the essay process

Academic Highlights

**Software Systems Development and
Integration,**

January – April, 2017

University of Guelph, Guelph, Ontario

- Learned how to integrate code from Python, C, and some C++ together with HTML and SQL to create an online message board application
- Documented the code to understand how the programs create the application
- Consolidated the code with each assignment to be as efficient as possible

Object-Oriented Programming,

September – December, 2016

University of Guelph, Guelph, Ontario

- Learned the Object-oriented programming technique effectively with an 89% average
- Debugged the programs for correct output and testing throughout development with both black box and white box testing methodologies

- Wrote README files to articulate the programs' concepts logically, and with extreme effectiveness, to someone who was not involved in the development process

Community Involvement

University Ambassador,
University of Guelph Admissions,
University of Guelph

March 2016 – April 2018

- Addressed 16 groups of more than 10 people per group about residence and university life in under 5 hours at least once per semester
- Communicated with a positive tone throughout the tours of the residence and campus
- Averaged 6 hours of residence touring and one hour of campus touring per semester

Box Office Orientation Volunteer,
University of Guelph Student Life,
University of Guelph

September 2016

- Directed hundreds of new students per day to multiple locations on campus
- Exhibited a positive and enthusiastic attitude while welcoming new students to the University of Guelph
- Averaged 3.5 hours per day for 5 days

Work Experience

Student Design Engineer,
Evertz Microsystems,
Canadian Headquarters

May – December, 2017

- Programmed web applications in JavaServer Pages, Spring Framework, and Angular 2+
- Composed an FAQ page for other Evertz employees to utilize an internal program
- Designed test cases for both web application endpoints and GUI elements

Maintenance Worker,
Hamilton Conservation Authority,
Wild Waterworks

April – August, 2016

- Earned employee of the week for July 17-25 for hard work on one of the busiest, and one of the hottest, days of the summer
- Corresponded with an average of 25 patrons per day to resolve issues and answer questions in a timely, and friendly, manner
- Worked in a fast-paced environment when the park had 3500 patrons and when the park had to be open by very specific deadlines before, and during, the operating season