Jacob Young

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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,   **March – November, 2016**
University of Guelph Admissions,
University of Guelph

- 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,   **September 2016**
University of Guelph Student Life,
University of Guelph

- 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,   **May – December, 2017**
Evertz Microsystems,
Canadian Headquarters

- 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,   **April – August, 2016**
Hamilton Conservation Authority,
Wild Waterworks

- 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