

FIND ME AT:

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TECHNICAL SKILLS

- Programming in **C/C++**, **Java**, **Python**, **HTML/CSS**
- **Visual Studio**, **Sublime**, **Eclipse**
- Collaboration with **git (bash)** and **GitHub**
- Creating projects with **Arduino**
- Using **MS Office Suite**
- Conversational **French** and **Mandarin**

SKILLS IN PROGRESS

- Programming in Javascript for work on web development
- The Odin Project, online web development course (Ruby on Rails, SQL)

EDUCATION HISTORY

UNIVERSITY OF WATERLOO

Candidate for Bachelor's Degree in Software Engineering | 2018-2023

NELSON HIGH SCHOOL

OSSD | Jun 2018

INTERESTS

- Extensively studied jazz and classical piano
- Playing badminton and volleyball competitively and recreationally
- Enjoys baking, reading and drawing
- Volunteer/charity work

References upon request.

JULIA DU

SOFTWARE ENGINEERING UNIVERSITY OF WATERLOO

RELEVANT EXPERIENCE

AUTOMATED MODEL AMUSEMENT PARK PROJECT

University of Waterloo | Fall Term 2018

- Programmed Arduino (C++) to create a user controlled amusement park model
- 550 lines of code in final fully integrated version
- Coded for Waveshare epaper screen by learning a new library
- Controlled 4 motors, a phone connection, and 2 distance sensors with Arduino
- Collaborated with a partner using git/Gitlab and pair programming through the software development cycle, integrating 13 components

CELEBRATION OF CANADIAN WOMEN IN COMPUTING CONFERENCE

Dalhousie University | Nov 2018

- Participated in seminars about topics like computer graphics and AI services
- Learned about and discussed women's roles and presence in the tech industry

CASCON VOLUNTEER

IBM | Nov 2017

- Ran a workshop for elementary school girls to inspire interest in STEM
- Learned about and discussed ideas like IBM Watson, cloud and social computing

FEEDHEROES TEAM DIRECTOR

SHAD UNB | July 2016

- Developed a solution to Canadian food security in a subscription box promoting food literacy to young children from idea to product
- Directed team through production of a 50-page business and financial plan

AWARDS

September 2018 - **Software Engineering Entrance Scholarship**, for high academic and extracurricular performance, 8 given to entering SE class

June 2018 - **Rotary Int. Paul Harris Fellow**, for outstanding community and international service, particularly for service in Guatemala

June 2018 - **Rotary Int. Academic Scholarship**, for high academic and extracurricular achievement, 6 given in City of Burlington

June 2018 - **Nelson Gold Medal**, for extensive involvement in variety of school life

Spring 2018 - **Top Euclid Math Contest and Canadian Computing Contest Score**, of 1000+ students at Nelson HS, CCC written in Java

January 2015 - **RCM Level 10 Completion with Honours**, for classical piano

OTHER EXPERIENCE

SALES ASSOCIATE

Joe Fresh | Aug 2015-Aug 2018

- Provided high-level customer service to improve sales
- Merchandised and readied apparel/cosmetic stock through 6 inventory cycles

INTERACT CO-CHAIR

Nelson High School | September 2015-July 2018

- Raised over \$15 000 in partnership with Rotary International through GoFundMe to provide solar lighting and school supplies to villages in Guatemala
- Personally delivered 200 solar lighting units and 300 school supplies packs
- Increased club membership by 30%, decreased attendance drop by 50%

DECA VP OF CHAPTER DEVELOPMENT AND TRAINING

Nelson High School | September 2015-July 2018

- Increased chapter membership by 20% from beginning of leadership
- Increased number of members moving on to Provincials by 30% through training

MATH AND SCIENCE TUTOR

Nelson High School | Sept 2017-June 2018

- Improved percent average of student by 15% in grade 10 academic math, science