Github.com/JeromeAlve	JeromeAlve.Github.io/site	Instagram.com/JeromeAlve

JEROME ALVE

jalve1997@live.com
(647) 293 2278
1B Software Engineering

PROJECTS (jeromealve.github.io/site)

PONG | C

- Collaborated with a team to create a mini game console for a virtual pong game using the Tiva-C Launchpad microcontroller.

TEXT GUI | Java

- Developed a GUI using the **Swing toolkit** that analyzes text inputted within a textbox

CONNECT 4 | Java

- Developed a mobile "Connect 4" game on **Android** using the Processing IDE

TEXT ALIGNMENT | C++

- Created a text alignment program that adjusts the formatting of text files accounting for the number of characters that each line of text can have with 4 types of justification settings available- *right aligned, left-aligned, centred, left and right justified.*

FPGA PLDs | VHDL

- Created several programs using the Altera Quartus II FPGA
- These include designs for elevator controllers, a binary calculator, and traffic lights

EXPERIENCE

PAN AMERICAN SPORTS ORGANIZATION | (2015)
ANTI-DOPING CHAPERONE

- Chaperoned athletes for anti-doping testing
- Demonstrated diligence and enhanced communication skills

ST. CHRISTOPHER'S PARISH | (2011-present)
YOUTH UNITED

- Participated in charitable activities for the homeless people in downtown Toronto
- Organized bake sales, movie nights, and fundraisers to help raise money to build a school in Haiti

SCHOOL CLUBS AND TEAMS | (2011-2016)

- Midnight Sun Solar Car electrical/software team (UWaterloo)
- Team captain of the ECOO programming team
- Founder of DECA (business club) and the Computer Club (Iona CSS)
- Member of the chess and culinary club (Iona CSS)

SKILLS

Java
C/C++
HTML/CSS

AWARDS

GOV. GENERAL BRONZE MEDAL | (2015)
Highest academic average for grade 11 & 12

UNIVERSITY OF WATERLOO PRESIDENT'S SCHOLARSHP | (2015)
Admission average over 95%

ECOO PROGRAMMING COMPETITION | (2015)
Finished in the top 10 teams board-wide

UNIVERSITY OF WATERLOO EUCLID MATH CONTEST | (2015)
School Champion and top 10% of all contestants

UNIVERSITY OF WATERLOO PHYSICS CONTEST | (2015)
School Champion and top 10% of all contestants

FRENCH AS A SECOND LANGUAGE | (2015)
Certification for being able to read and write fluently in French.

EDUCATION

UNIVERSITY OF WATERLOO
BACHELOR OF SOFTWARE ENGINEERING | (2015-present)

Relevant Courses
Data Abstraction/Implementation
Methods of Software Eng.
Programming Principles