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| **Ty** Nasello  Tynasello@gmail.com · 519-980-0615  Personal Website - Tynasello.com | GitHub -Tynasello |
| I am currently a high school student in grade twelve at Sandwich Secondary in LaSalle, Ontario. I love working with computers and solving complex problems. My goals for the future involve attending university to study in the fields of computer science or engineering. I encourage you to visit my website at [tynasello.com](http://tynasello.com/) to learn more about me and the projects I have completed. |

# Personal Projects

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| * **OBSTACLE AVOIDING ARDUINO ROBOT,** MARCH 2020   I designed and created a system to sort objects based on color. Red, green, and yellow skittles were sorted with the use of two micro servos and a TCS230 color sensor. | * **ARDUINO COLOR SORTER,** JUNE 2020   I designed and created a system to sort objects based on color. Red, green, and yellow skittles were sorted with the use of two micro servos and a TCS230 color sensor. |
| * **FLAPPY BIRD (RECREATION),** JULY 2020   I recreated the popular game ‘Flappy Bird’. I programmed the game in python utilizing the pygame library. | * **WEBSITE VERSION Three,** DECEMBER 2020   I have constructed and designed my personal website [tynasello.com](http://tynasello.com/) using only HTML and CSS, without the use of frameworks. |
| * **WORD TRANSLATOR (GUI),** AUGUST 2020   I created a GUI (Graphical User Interface) in Python using the PyQt5 and googletrans libraries. The GUI prompts the user to enter a sentence and displays the translation depending on desired language. |  |

# Experience

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| July 2018 - presentservice employee, tim horton’s I am responsible for efficiently filing customer orders and guaranteeing customer satisfaction. I ensure that proper safety guidelines and procedures are followed during the preparation and storage of food items. I actively work with a team of co-workers to ensure group goals are met. |

# Education

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| 2019-2020grade 11, sandwich secondary school Accounting-96%, Chemistry-96%, Physics-96%, Manufacturing Engineering Technology-97%  Functions-98%, English-87%, Biology-97%, Intro to Computer Science-91% |

# Skills

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| * **LANGUAGES**   **Python** – experienced programmer in Python. I have used this language in projects involving data scraping, and for the creation of both games and GUIs.  **C++** - I have used C++ for projects including the programming of an Arduino robot and Arduino color sorter  **Java** – I have leveraged Java in school for many puzzle-oriented problems. | * **WEB DEVELOPMENT**   I have created three websites with the application of both HTML and CSS without the use of frameworks. My current website is [Tynasello.com](http://tynasello.com/). The code for all websites can be viewed on my GitHub at Tynasello |