




# Ty Nasello

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[tynasello.com](http://tynasello.com)

I am currently 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.

## WORK EXPERIENCE

### **Tim Hortons, Lasalle, ON — Service Employee**

July 2018 - PRESENT

I am responsible for efficiently filling 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.

## PROJECTS

### **Obstacle Avoiding Arduino Robot — March 2020**

I created a fully functional robot using an Arduino microcontroller. The robot performs certain maneuvers based on input from a Bluetooth terminal application

### **Arduino Color Sorter — June 2020**

I designed and created a system to sort red, green, and yellow skittles with the use of an Arduino Uno, 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.

### **Word Translation 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.

## SKILLS

Python

C++

Java

Web Development

## EDUCATION

### **Sandwich Secondary, LaSalle, ON**

GRADE 11 MARKS

Accounting-96%,

Chemistry-96%,

Physics-96%,

Manufacturing Engineering  
Technology-97%,

Functions-98%,

English-87%,

Biology-97%,

Intro to Computer Science-91%.

GRADE 12 MARKS

Advanced Functions-99%,

English-87%.

### **NFL Statistic Data Scraper — July 2020**

I data scraped NFL team stats from ESPN.com and wrote them to a CSV file with Python. The goal of this project was to discover if there was a correlation between two statistics.