Ty Nasello

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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 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 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.

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.