

TYRONE WONG

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📍 Ty-Won

Aspiring Engineer and
Technology Enthusiast

Skills

PROGRAMMING

C
Java
Python
HTML
CSS
Matlab
Javascript

TECHNOLOGIES

Eclipse
IntelliJ
Clion
PyCharm
LEJOS
Github
Material Design Lite
VS code

OTHER

French
Computer Assembly

Awards

Marianopolis College 2016
Dean's List

- Accumulative grade average over 85%

Hockey St Laurent 2014
Glen Applebee Award

- Award given to one player in the entire league for leadership and sportsmanship.

Activities

Machine Learning
Coursera

May 2017
to Current

- Taking Stanford University's course in learning algorithms and how to implement them in the creation of intelligent programs.

Education

McGill University
B.Eng Electrical Engineering 2020

Marianopolis College
DEC Pure and Applied sciences 2016

Experience

Engineering Investment Group

Fundraiser Director

Apr 2017 to Current

- I seek out potential sponsors, banks and investors willing to help fund the club for more events that will benefit the student community.
- I work with my team to coordinate stock simulations, bank tours, guest speaker events and on campus events to generate funding to develop the group.

McGill Robotics Design Team

Autonomous underwater vehicle I/O Project

Sep 2016 to May 2017

- One of the largest engineering design teams on campus coming in top 10 in many international competitions against other universities.
- I helped develop the input and output circuit boards that allow the software team to incorporate computer vision with the sensors in order to create a full functional autonomous robot.

Marionopolis Dragonboat Sports Team

Team Manager

Sep 2015 to Sep 2016

- Managing one of the largest sports teams on campus which includes organizing training sessions, team events, competitions and a team retreat.
- Organizing the budget, managed loan and bursaries and hosting fundraiser events
- Managing outreach contacts for business deals and inquires in order to optimize the cost of the sports season for students requiring financial aid.

Projects

Eng Directory

May 2017 to Current

- Platform built to connect engineering students with others to create projects
- Designed with Material Design Lite CSS Framework and JQuery

Personal Website

May 2017 to Current

- Created by using the Bootstrap CSS framework to assemble the layout
- Using JQuery to provide a responsive design and enjoyable design

LEV3RON

Jan 2017 to Apr 2017

- As team manager of a group of 6 for my class design project, I organized the work schedule, helped manage design documents and kept my team on task.
- I also helped design and implement the robot navigation and odometer program using Java and the LEJOS API.
- The project counted for 65% of the final grade and my team managed to finish the course with an A.

IntelliCar

May 2015 to Jul 2015

- I coordinated an engineering student group of 4 and organized a summer design project.
- The project consisted of designing and assembling an electric smart car using an Arduino, Sensor Shield PCB, an Ultrasonic Sensor, Line tracking modules, DC motors and Bluetooth module.
- The car is capable of obstacle avoidance, line tracking and wireless remote control.