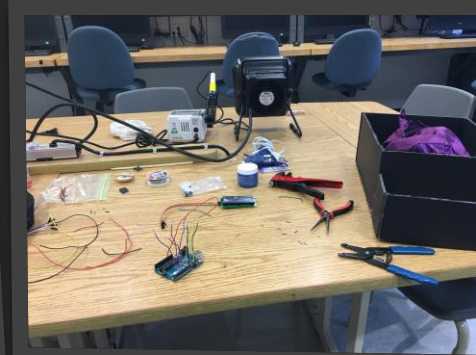


# The Profession of C.E.T (247-106-VA) Halloween 2019 Project



**Leonardo Fusser  
Renato Dua Casipe  
Youssef El Kattan**



# What is Covered?

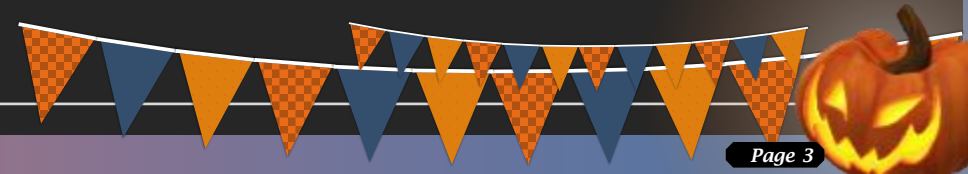
- The Project
- The Code
- The Mechanics
- The Circuit
- The Troubles Encountered/Resolution



# The Project

## ➤ Overview:


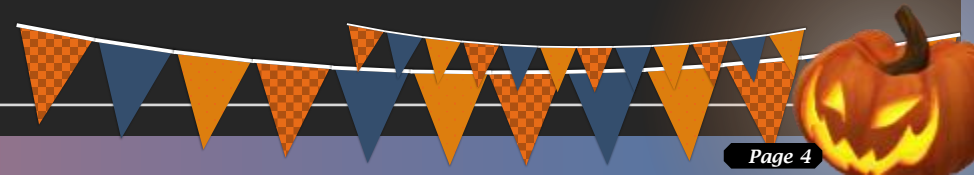
- The materials.
- The roles.
- The time.
- Our overall experience.



# The Code

## ➤ Overview:

- 1602 LCD with I2C module.
- HC-SR04 Sonar Sensor.
- Servo.
- LEDs.

A blurred image of a computer screen displaying JavaScript code. The code includes various functions and object manipulations, such as `replace`, `loadXML`, `function(a){return a.replace(x,"ms-")}`, `makeArray`, `merge`, `map`, `concat`, `split`, and `removeEventListener`. The text is colorful and difficult to read due to the blur effect.

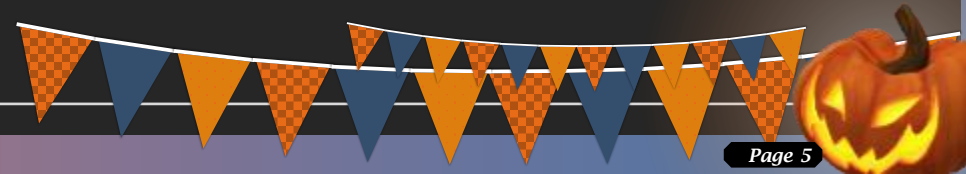
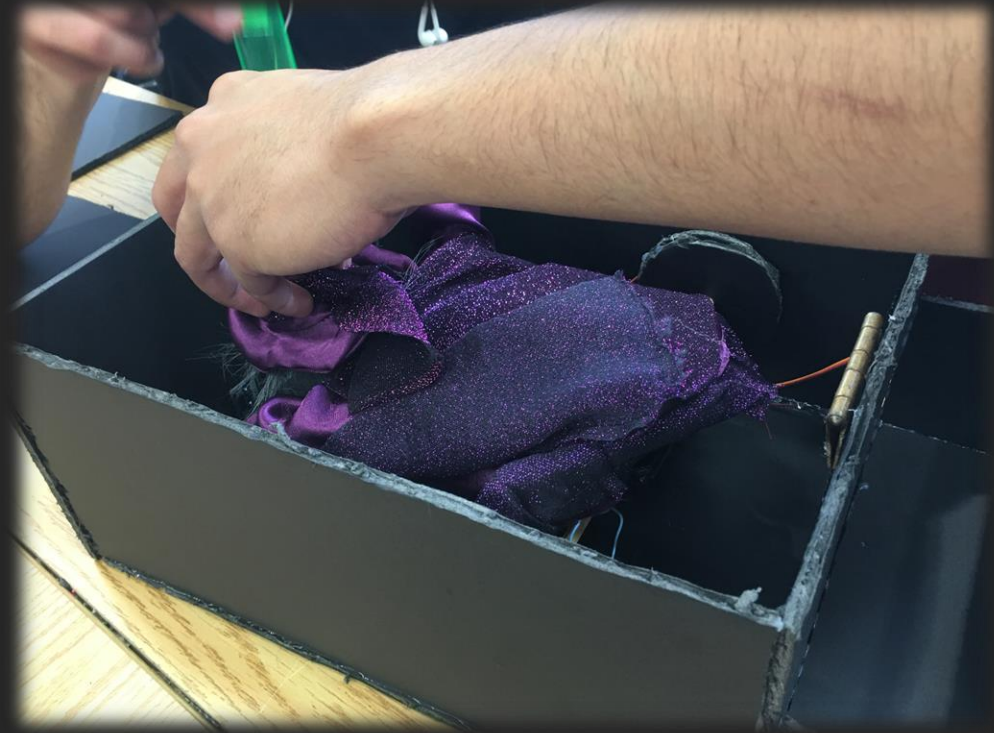


# The Mechanics

➤ The Breakdown:

- Beefy Servo Motor.
- Chopsticks.
- Cam/Wheel.
- Servo attachment.

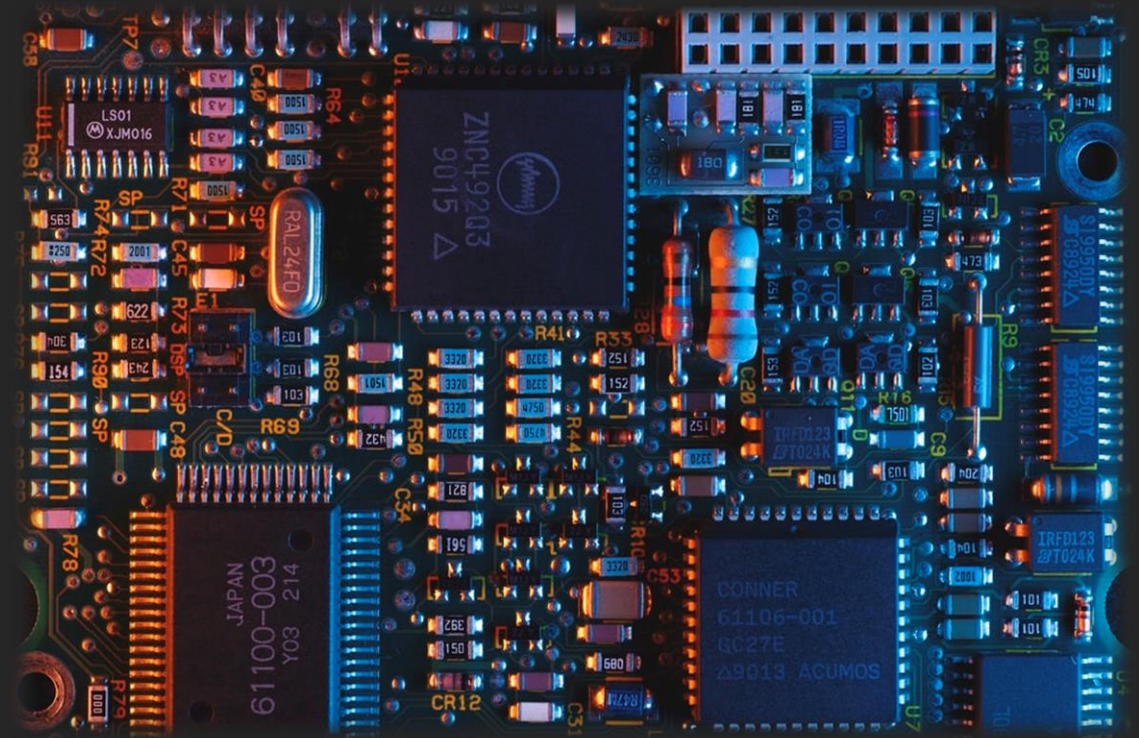
➤ The operation of the motor.



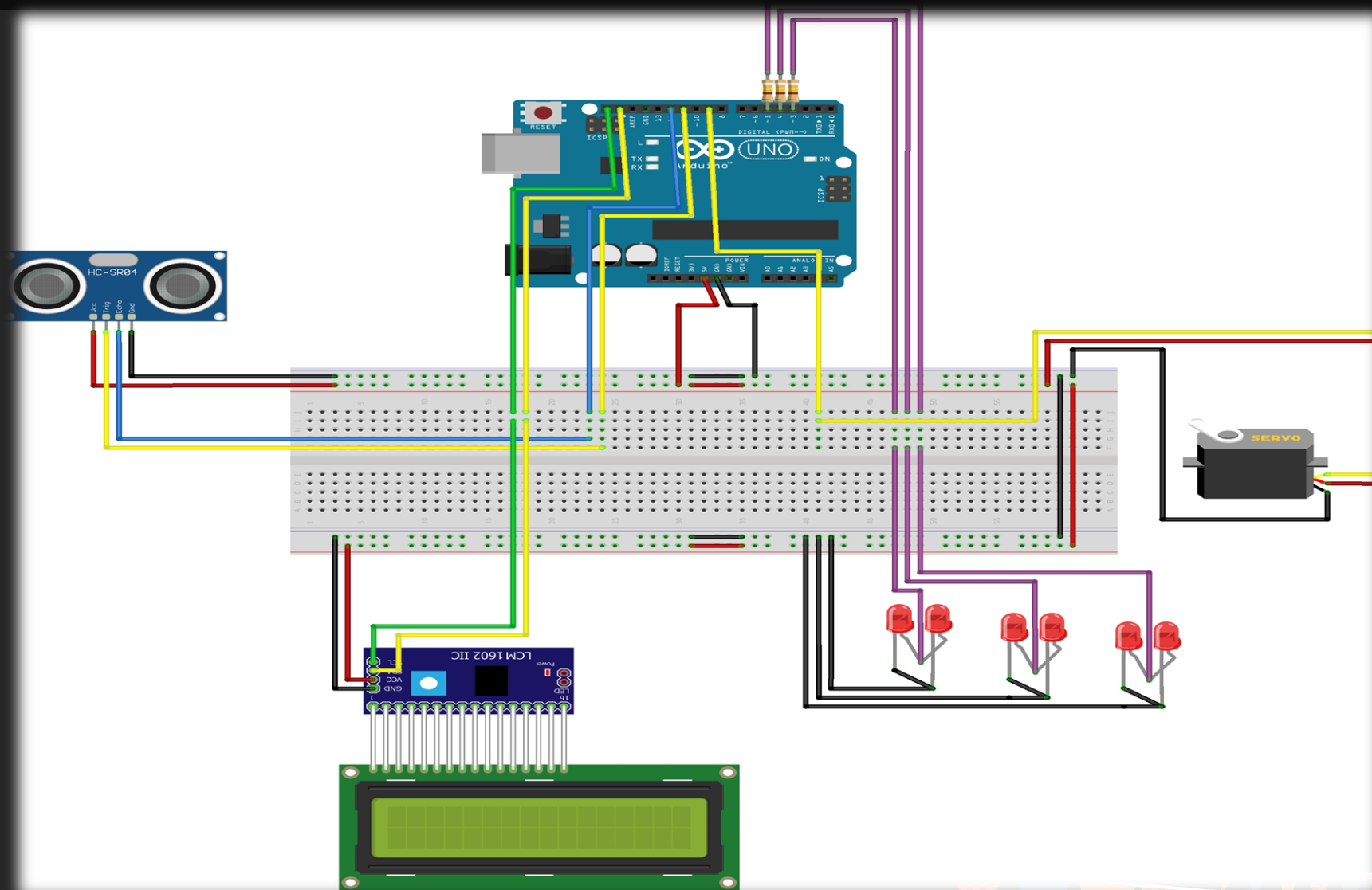
# The Circuit

## ➤ Overview:

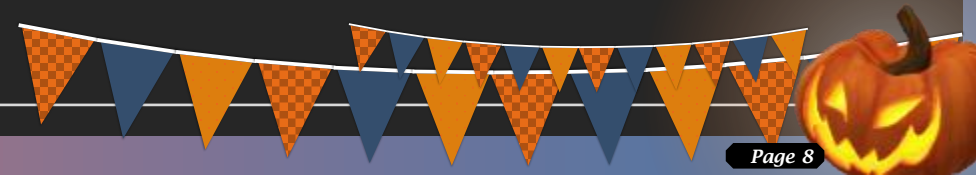
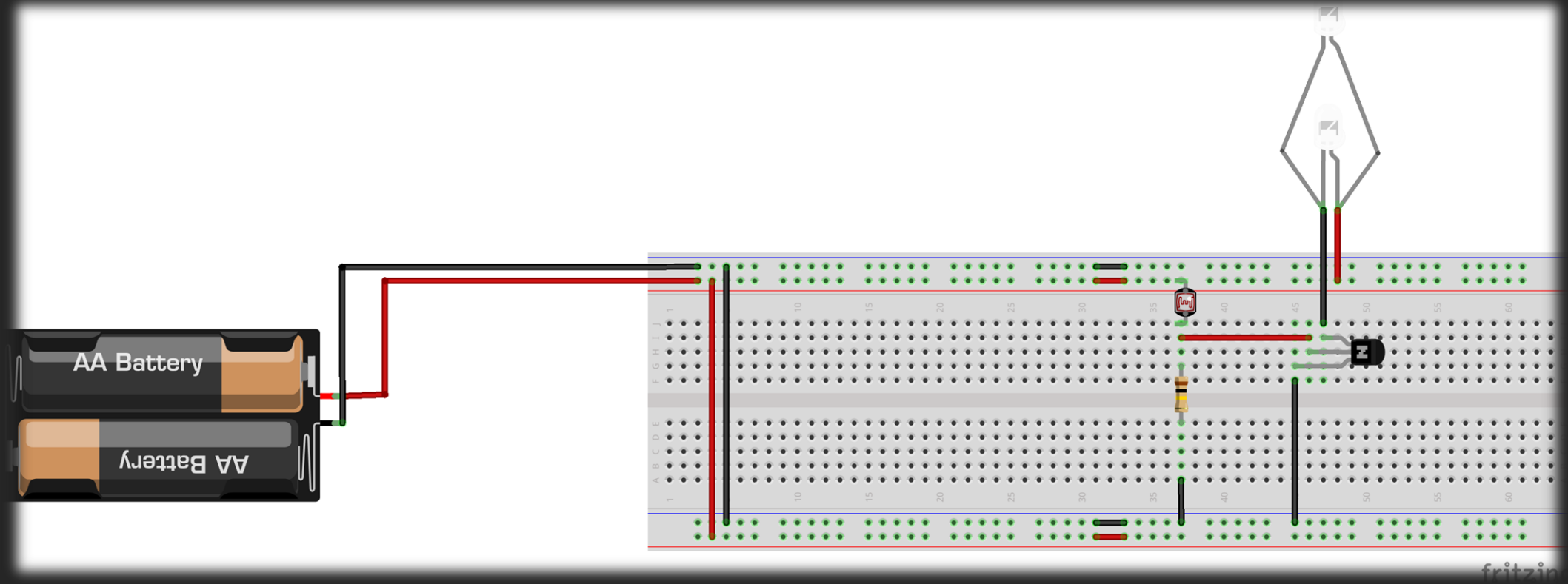
- The Arduino Circuit.
- The Ghost Lights circuit.



# The Circuit (Cont. 1)

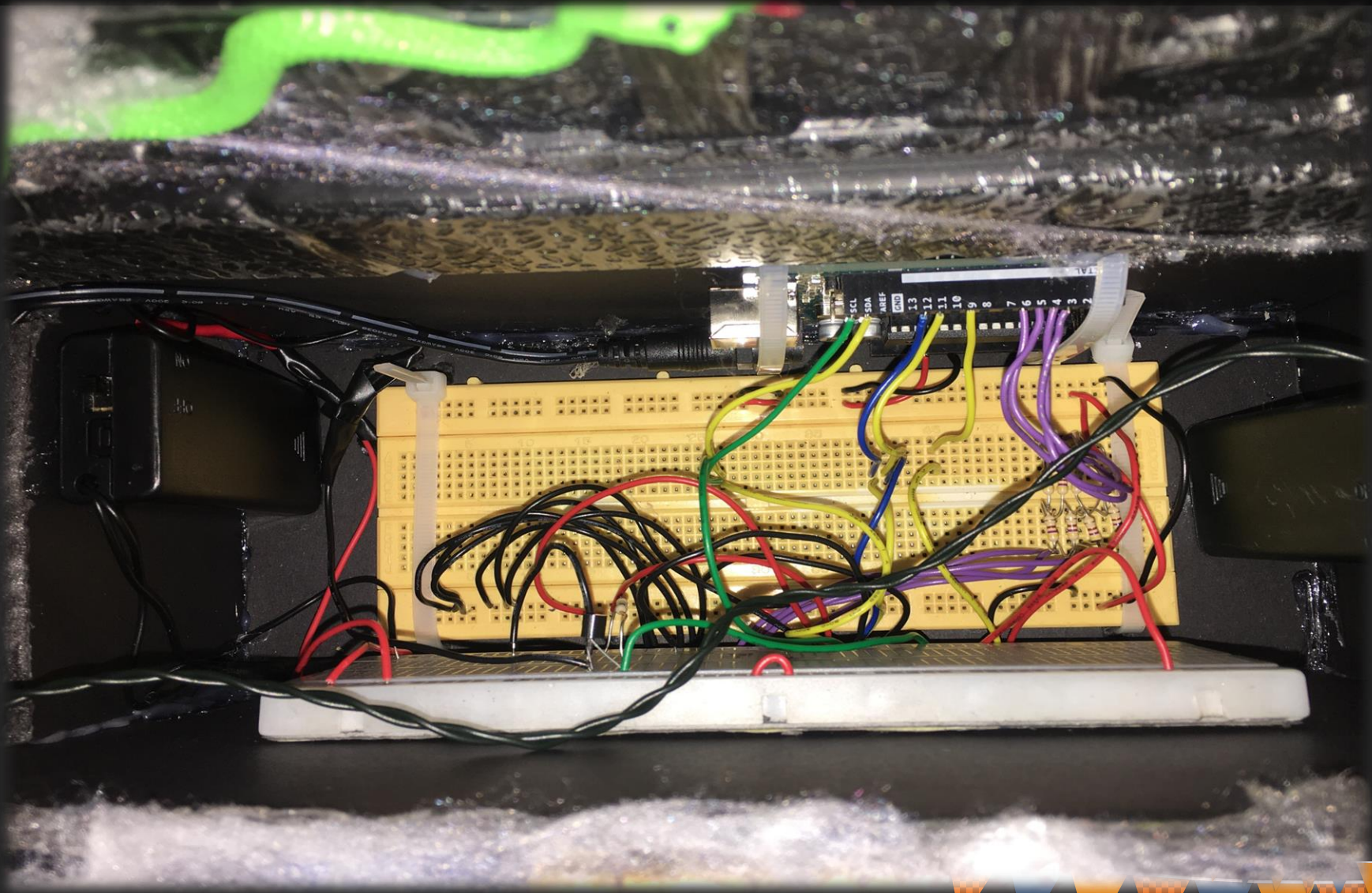


# The Circuit (Cont. 2)





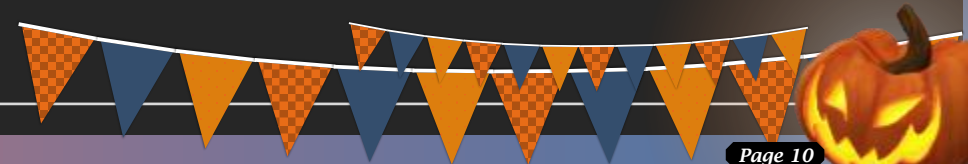
## The Circuit (Cont. 3)



# The Troubles Encountered/Solution

## ➤ Overview:

- The servo.
- The coding (*if statement*).





# Extra Pictures

