V3.7 changes:

-added lidar external interrupt

V3.6 changes:

-added cruise control

V3.5 changes;

-added traction control

V3.4 changes:

-added 2 possible cruise control options

-changed brake button to interrupt

V3.3 changes:

-adjusted the gradual acceleration values

-added tentative ADC and

V3.2 changes:

-added gradual acceleration

-changed neutral pwm for esc to 1500us since it’s likely that it uses the same control scheme as the servos

-removed slower speed button

v3.1 changes:

-errors in code syntax

-added serial monitoring for calibrations values

v3.0 changes:

-now uses arduino uno instead of nano for PMW control

-added a steering calibrations function to the left and right d-pad buttons

-upgraded servo.write to servo.writeMicroseconds for more precise control of both steering and throttle, needs speed testing to confirm

v2.2 changes:

-removed straightening button (L1)and replaced it with a break button

v2.1 changes:

-added slight offset to the right for steering

-removed straightening button (L1)

v2.0 changes:

-removed break button since it didnt work

-addded tentative straight accelelration control

-added deadzone to steering

-reduced steering angle to 35 deg on either sides

-added a honking function so we can tell the other teams to get out of our way lol