Assemble components.

- Raspberry Pi 3
- 1/24th Scale RC Car
- Pololu DRV8835 motorhat
- Playstation Eye Camera
- Micro SD card
- Battery
- Foam board
- USB to 2P connector (not shown)
- Female-to-male jumper cables (not shown)
- 12-pin connector (not shown)
- #2-56, 1/4” length screws (not shown)
- Tape and, if desirable, glue (not shown)
Remove the plastic top from RC car, and disconnect the steering (front) and throttle (back) motor connectors.
Solder the 48-pin and 12-pin connectors to the DRV8835 motorhat.
Use female-to-male jumper cables to connect the motorhat to the steering and throttle motors:

Steering: Blue -> Pin 6, Green -> Pin 7
Throttle: Black -> Pin 2, Red -> Pin 3

- The motorhat does not need to remain connected at this point, it can be reconnected when the Pi 3 is placed onto the car.
Cut out two foam board rectangles. Ideally, one should be shorter than the other, lengthwise, so that the battery's screen can still be seen (my boards were 3"x5" and 3"x6"). Secure the battery between the foam boards.
Secure the battery/foam boards onto the car.
Secure the Pi 3 and Playstation Eye Camera onto the foam board. Use the #2-56, 1/4" length screws for the Pi 3.
Connect the motorhat to the Pi 3 (the rightmost 6 pins shouldn't be connected). Also, connect the battery to the motor hat (Black -> Pin 10, Red -> Pin 11).
Connect the battery supply and camera to the Pi 3.