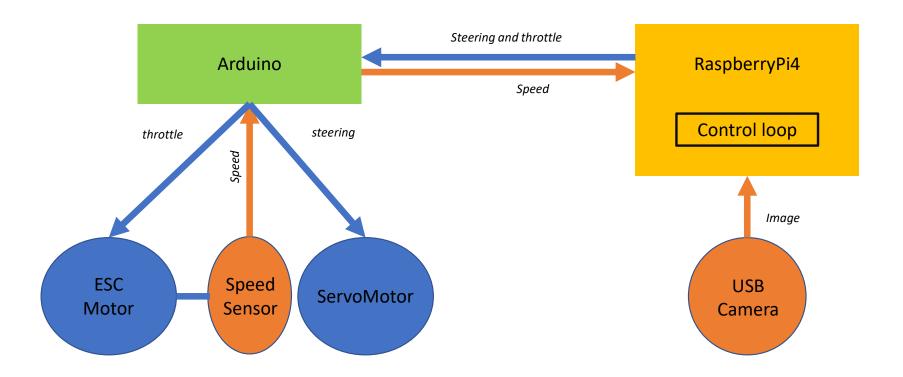
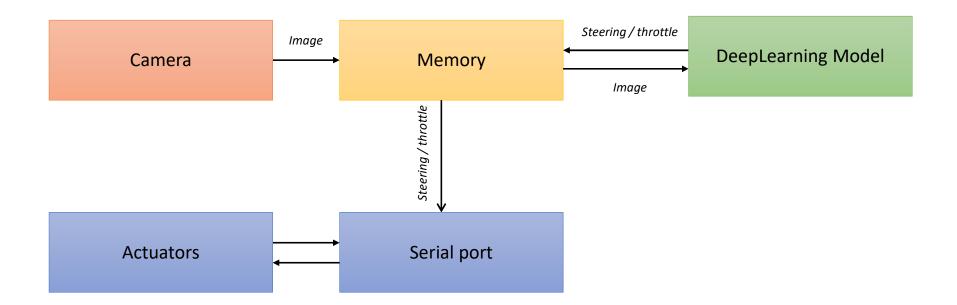
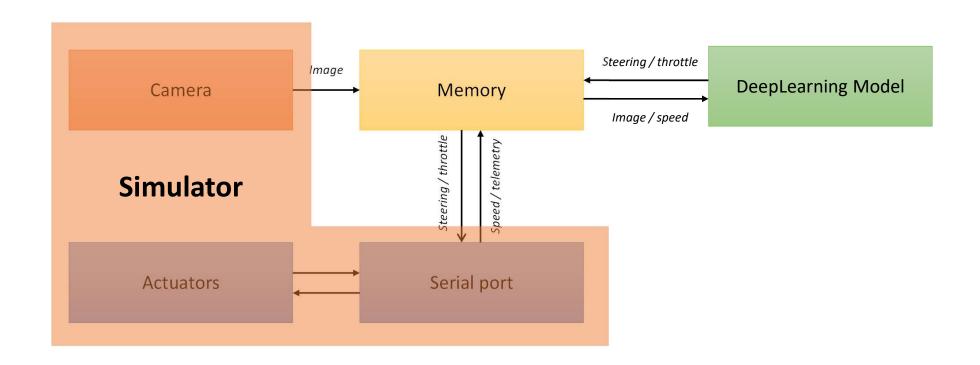
Hardware

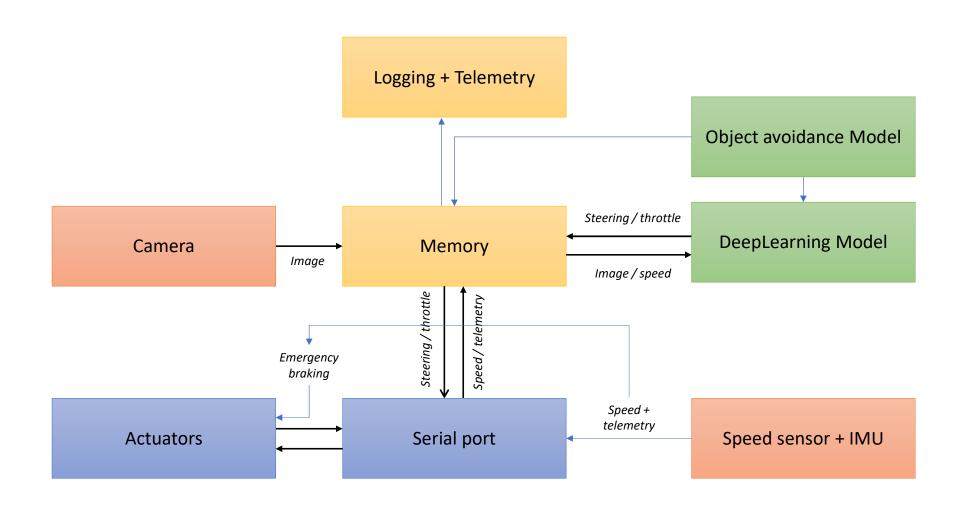


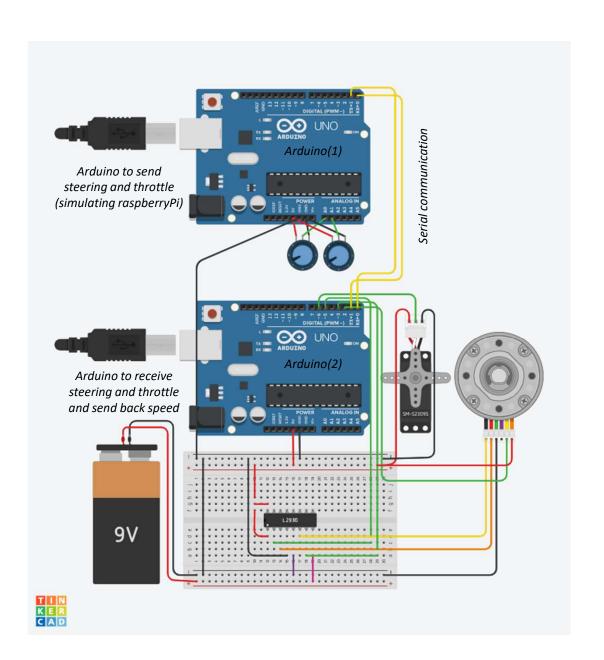
Control loop



Control loop







TinkerCad simulation of the low level Arduino code

Serial Output of Arduino(1) (steering /throttle output)

Moniteur série

Serial Output of Arduino(2) (speed sensor signal)

Moniteur série

1736
1624
1712
1688
1790
1724

Envoyer Effacer

Shape Imputo (32,160,120,3)Com 20 layors (32, 46, 30, 64) 4D (32, 4, 3, 128) Hatten 21 (32,1536) July Connected layers (32, 128) (32,3,1)

Convolutional meuralnet

Imput, (2D)

Training Placess

Sorward pass

Imput data

Model

Prediction

Model

Exact prop the loss

and correct the weights.

Pakel y"

I repeat until the model shows great results. Training Plocess
(Targer picture) Datch of imput data batch of labels (exportput)