#### **SELF LEARNING CARS AI**

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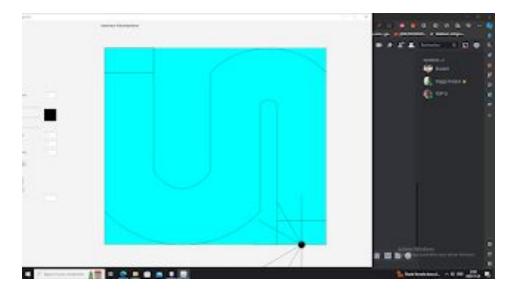
- Explore javafx's user interface
- Use knowledge from other scientific classes
- Give the user multiple input choices
- Personal goal: learn about neural networking

### **HOW IT STARTED**

#### Early designs :

"The AI does not hate you, nor does it love you, but you are made out of atoms which it can use for something else." - Eliezer Yudkowsky







Description of the layout

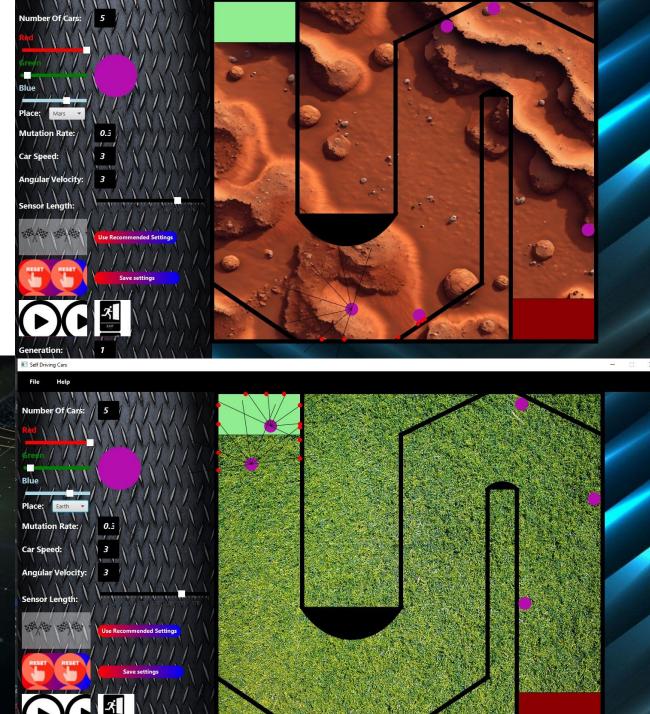
Description of how inputs affect the program

Brief explanation of the neural network

How to use the program

#### **LAYOUT**

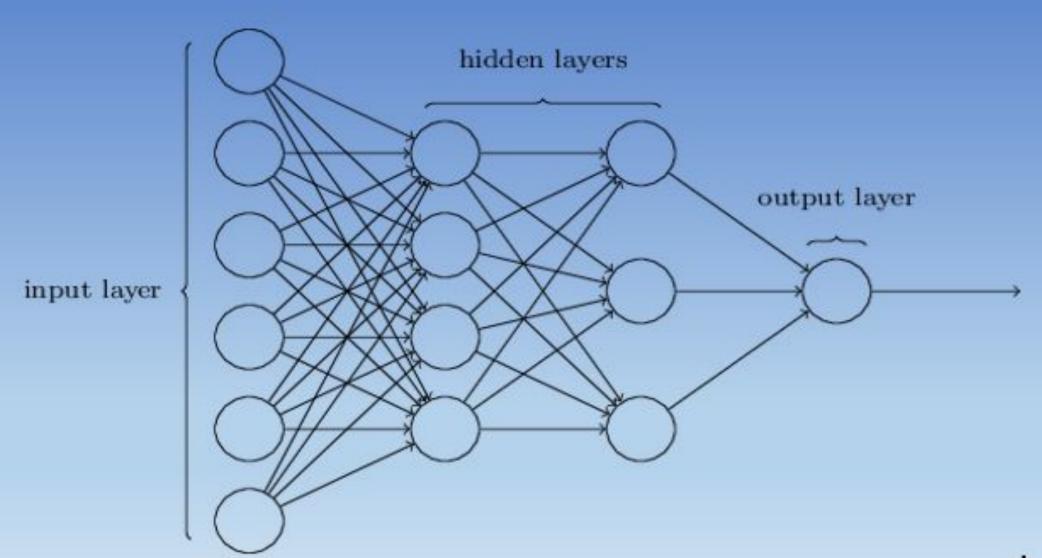




# USER INPUTS AND HOW TO USE THE PROGRAM

Car Speed: Angular Velocity: Sensor Length: **Generation:** 

## Classification of Neural Networks



```
_____rror_nod.mirror_object
peration == "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
 _operation == "MIRROR_Y"
Lrror_mod.use_x = False
___rror_mod.use_y = True
mirror_mod.use_z = False
  operation == "MIRROR_Z";
  rror_mod.use_x = False
  lrror_mod.use_y = False
  lrror_mod.use_z = True
 DEMOSOFTHE
  PROGRAM O
  bpy.context.selected ob
   ata.objects[one.name].sel
  int("please select exactle
   -- OPERATOR CLASSES ----
   ypes.Operator):
   X mirror to the select
  ject.mirror_mirror_x"
  FFOF X"
```

to not



