**This lab is worth 3% of your final AI4G grade.**

**Due Friday February 3rd 17:00**

**Training an Artificial Neural Network via Backpropagation**

**Lab 8**

Follow the instructions in “Back Propagation Solution Walk Through.docx”.

Type your name here 🡪 Adam Mcguigan

Copy in screen shots here to demonstrate completion of the following (something in the image should identify your own machine):

1. The TensorFlow training showing the 15 predictions it makes at the end of the training process.

Graphical user interface, text

Description automatically generatedGraphical user interface

Description automatically generated

1. Successful execution of the “convert\_flappy\_model\_weights\_to\_csv.py” script.

Graphical user interface, text, application

Description automatically generated

1. The AI playing the game with the trained weights showing at least one bird with a fitness > 100.

Graphical user interface, application

Description automatically generatedGraphical user interface, application

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