CCNU-UOW
CSCI964 Computational Intelligence
Spring 2020

Laboratory Exercise 1 (Week 1)

1   Task One: Artificial Neural Networks

Explain the following concepts of ANNs and draw graphs to describe the structure of the following ANNs respectively:

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1) Single-Layer Neural Networks
2) Multi-Layer Neural Networks
3) Shallow Neural Networks
4) Deep Neural Networks
```

2   Task Two: Build ANNs with C++

Using C++ to build an ANN according to the following figure, with sigmoid activation function: