

MLP neural net parallel implementation using CUDA

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Introduction

- This project's goal is to implement a multilayer perceptron neural net by using a parallel approach. The most suitable framework for accomplishing this is the nVIDIA CUDA framework.

About MLP neural net

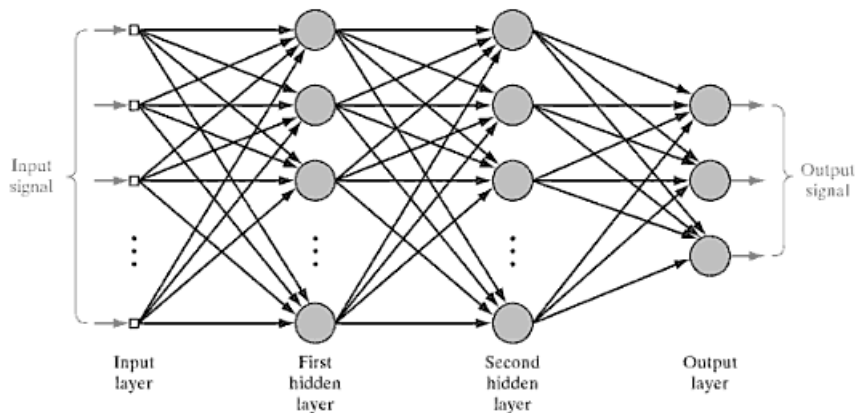


FIGURE 4.1 Architectural graph of a multilayer perceptron with two hidden layers.

Figure: MLP Neural Net structure