Assignment 1: MLPs, CNNs and Backpropagation

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Abstract

Here is my abstract

1 Introduction

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- 2 MLP backprop and NumPy implementation
- 2.1 Analytical derivation of gradients
- 2.2 NumPy Implementation
- 3 PyTorch MLP
- 4 Custom Module: Batch Normalization
- 4.1 Automatic differentiation
- 4.2 Manual implementation of backwards pass
- 5 PyTorch CNN
- 6 Conclusion

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