

Deep Learning - Miniproject 2

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Abstract—

I. INTRODUCTION

II. FRAMEWORK IMPLEMENTATION

In order to implement the mini deep-learning framework we chose a structure based on the suggestion provided in the project description. All modules are implemented as classes which inherit from a parent class `Module`. They need to override the `forward()` and `backward()` methods.

To ensure the correctness of our implementations we wrote a series of unit tests which compare the functionalities of our code to the corresponding PyTorch functionalities.

III. CONCLUSION