

Project: Porting Backprop to AMD

Adam Orucu

January 8, 2024

Url to code: <https://github.com/adamorucu/gpu-programming-course>
I had no group member, all work was done by me.

1 Introduction

Background on problem

2 Methodology

Steps of the implementation

- Started by trying to work on larger libraries but wasn't able to hipify
- Understand the code in CUDA
- install rocm
- set date
- amdize.sh and hipify
- Create Makefile
- allocate time
- makefile adjustments
- running using srun
-

3 Experimental setup

Describe partform - software and hardware.

4 Results

Describe partform - software and hardware.

5 Discussion and conclusion

Describe partform - software and hardware.

6 References

- Lecture slides
- etc