

Week 2 Progress

Recreating the algorithm for Over 100x Faster Bootstrapping in Fully Homomorphic Encryption through Memory-centric Optimization with GPUs. In this paper they used HEAAN algorithm as the base algorithm.

Main Challenge:

The main problem I have faced is that my gpu 105TI , 1 slot , is failing to run and provide positive results.

Solution:

In a new gpu.

Next week 3

Continue working on my source code and looking for a new gpu.