Report for Assignment # 3
CS 5500
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Status

The current status of the assignment is as follows:

- The source code compiles to a binary without error.

- The binary executable runs without crashing.

- A master file for training the genetic algorithm exists.

- Support exists for loading the master histogram.

- Support exists for distribution of the master histogram between all nodes.

- Boilerplate support exists for all features other than the fitness test.

The project could be completed fully with the following steps:

- Completion of the histogram processing library.

- Implementation of the fitness test.

- Implementation of the boilerplate methods for mutation, crossover, migration and culling.

- Implementation of migration via MPI.

- Misc. boilerplate code and interface improvements.