

Choice of Optimization Task

Optimization task of loop nest generation using CUDA.

- This is because loops are very often used in programs and therefore there is an immense need for loops to be sufficiently optimized.

Phase ordering using LLVM

- This is because it is a really complicated problem with current research where the ordering of the flags is key to compilers being optimized.

Python project

Archangel

<https://github.com/Tembusu-Student-Developer-Club/archangel>

OpenCV project for Optical Fiber Alignment

<https://github.com/seanflyyy/OpticalProject-OpenCV>