

Runtime Optimization Competition

Objective:

- Apply all the techniques you can to accelerate the execution of `seq_mm.c`

Conditions:

- Programs must be run on an **AWS m5.2xlarge** instance
- Do not change the algorithm (it must retain its $O(n^3)$ complexity)

Submission:

- Report with execution time and description of techniques and flags used
- Please note specifically how much improvement each optimization gave
- Source code
- Must be reproducible

Rewards:

- 25 pts of extra credit for 1st place
- 15 pts of extra credit for 2nd place
- 10 pts of extra credit for 3rd place
- Eternal glory

Deadline:

- Submission on Canvas by March 26th, 2021 @ 11:59pm EST (Friday following HWB deadline)