Brookhaven National Laboratory

FINAL PROJECTS

AHEAD

HLS bootcamp

June 9-13, 2025

Time to try and distill the information you've learned this week into a fun final project

These projects will not be graded, of course but please put in a good-faith effort!

We have planned for you to work in pairs. Hopefully by now you all know one another and can easily find someone to work with. If you cannot or you are not certain, please let us know and we'll pair you up. The goal is not to pair up people at very different points in their career (ie senior postdoc and first-year grad student), though

You have time later today (Wed afternoon) and almost all of Thursday to work on your projects. Hopefully ample time! Note that **we don't expect them to be perfect**, the goal is to create *something* and to learn *something*

Each group will have <= 10 minutes (aim for 5-7 minutes plus time for 1-2 questions) for a brief final presentation Friday morning.

Show your code, your optimization (Did you optimize for latency? Resources? Simplicity?), your output on test vectors and any findings. One or both group members can present, ideally both in one presentation

We have at least 10 final project ideas that we'll briefly discuss with you. The hope is that most of you chose different projects so that we can get a variety of final presentations. So once you have some project thoughts pick second and third backup options and please let us know

Of course, you can come up with your own projects!

This should be FUN!!!!