CS 700 – Term Project
Fall 2023

The term project will involve an **experimental computer science** problem. Students, working individually, will perform the quantitative analysis of a computer system, technique, algorithm, or method, **using the techniques discussed in class.**
The project must include **experiments** and/or **simulations.**

We recommend selecting a problem in your target PhD research area, but that is not a requirement or factor in grading.

Students will submit a **1-page project proposal** by **October 25, 5 PM**, on Blackboard. In the proposal, they will briefly describe:

- The problem/algorithm they intend to analyze
- The experimental techniques they will use in the analysis
- The methodology they will follow

The November 27 class meeting (to start at 4:00 PM) will be devoted to 3-minute project presentations by students. The brief presentation should include:

- Description of the problem and the techniques implemented/simulated
- **Preliminary** experimental results and analysis

Even though full analysis and experimental results may not be available by that date, students should plan to have a preliminary subset of experimental results to include in the 3-minute presentation by **November 27**.

The **full term project report** will be 6 to 8 pages long and is due by **December 4, 5 PM.**

Please note that the following is not acceptable as CS 700 term project:

- Literature survey of quantitative/statistical techniques
- Applying quantitative/statistical techniques to poll/survey result.

The students must work on the specific problem whose scope is defined by the project proposal and the instructor feedback. Both the 3-minute presentation on 11/27 and the writing/presentation quality of the final report will have weight in the project score (15% and 20%, respectively). The remaining 65% will be associated with the technical correctness and depth.

See the "Project Report Requirements" document about the expectations for the project report and its structure.