

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 20 and November 27 class meetings will be devoted to 5-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 5-minute presentation by **November 20**.

The **full term project report** will be 6 to 8 pages long and is due by **December 4, 5 PM**. More information about the expectations for the project report and its format will be available on Blackboard in November.

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