

CS 225 Data Structures

Final Presentation (Due **Friday, December 11th**)

Fall 2020, Brad Solomon and G Carl Evans (revised November 27, 2020)

Your final presentation should be a 10 minute or less video recording (mp4 format) in which every member of the group participates. Note that the suggested times are just that – a suggestion – and you are free to structure the presentation in whatever way you like as long as it is roughly 10 minutes or less and contains all the required content. You are strongly encouraged to use slides or other visual aids in your presentation (a Zoom recording is probably the simplest method for recording a video in this way).

Your Goals

Think of this as ‘setting the stage’ for your project. In no more than a minute or two, you should discuss the following:

- What goals did your team select for this project?
- As a team, did you meet these goals?

Your Development

Think of this as ‘building the foundation’ of your project. In about two to three minutes, you should discuss the following:

- How did you get the data you wanted?
- How did you code each algorithm?
- How did you test each algorithm?

This is meant to be a high level overview – we are more interested in your thought process, general strategy, and signs of good work ethic. That is to say, we are much more interested in a problem that you encountered and how you addressed it than the specific variables of your graph class definition.

If you were unable to complete a target algorithm, this is the best opportunity to explain what you did that didn’t work out, how you tried to address the problem, and what you might do in the future (if you were tasked to do this or a similar project).

Your Final Deliverables

Think of this as ‘bragging about your successes’. In about three to five minutes, you should discuss the following:

- What proof do you have that your algorithm was successful? (That is to say, what is your final run of each method and the results?)
- Did you identify any interesting results or unexpected outcome [especially if you are using real-world data]?
- As a team or as individuals, do you have any concluding thoughts about the project? What you learned, what you liked or didn’t like, or anything you would like to do next if given time?

Presentation Grading

As stated in the syllabus, the presentation is worth 15% of your final grade. As a team, you will be graded on the following (with 10% of the final grade given for content and 5% given for presentation skills):

Content

- Were the goals explained clearly?
- Was the development log summarized accurately?
- Were the results and final outcomes explained clearly?
- Did the presentation include appropriate visual aids? (Slides, figures, etc...)

Presentation Skills

- Did each speaker use a clear, audible voice?
- Were the visuals understandable?
- Did each presenter make good use of the visual aids?
- Was the presentation appropriately paced and equally distributed? (loosely within the time limit and with each student participating roughly equally)