

Micro-teach I (Practicum assignment)

We will take turns over the next few weeks giving a short presentation that will demonstrate your teaching of a technical concept. You may choose any concept you wish.

Possible examples include (but are not limited to): deleting an element from a linked list, analyzing the Big-O running time of an algorithm, a sorting algorithm, event handling in Java, etc. Make sure your topic is small enough in scope that the explanation reasonably fits into 4-5 minutes. You are expected to use a whiteboard or other visual aids as you would when explaining this concept in discussion section or office hours. The emphasis for this assignment is on basic skills:

- **Board work:** make sure to write clearly, large enough, use enough colors, and organize your drawing/writing appropriately
- **Speaking skills:** speak clearly, use eye contact with the audience, state clearly what you are explaining

You should prepare, and make sure that you know what you are going to say, but some mistakes and stumbles are OK. Just do your best at this point.

Be sure to keep the following assessments in mind when making your presentation.

- **DELIVERY:** pace, gestures, eye contact, volume, clear articulation, enthusiasm, confidence, time management.
- **STRUCTURE:** clear learning objectives, good explanations, content aimed at audience, transitions, effective visual aids.
- **INTERACTIVITY:** audience engagement, response time, active listening, quality responses, use of examples.

The class will be asked to provide constructive feedback on these three key areas of teaching. We hope this mini assignment allow you to be aware of your teaching style.