CSC-450: Finding Articles

The purpose of this assignment is for you to start identifying *research* articles in the area of your research project. This is an important part of research and will help generate ideas as well as provide context for the research that you do. These articles and others will be the basis for two upcoming assignments – your first Lab Meeting presentation and a Literature Review – which will be described at a later date.

For this assignment you want to start identifying articles that describe either (1) the method you are interested in, or (2) applications of how the method has been used. Note that these articles must be research articles (and not reviews or summaries of what others have done).

I suggest using the following websites for finding articles:

- http://scholar.google.com
- http://dl.acm.org (from off campus use the Eastern library link in the Module 2 notes)

Directions:

1. Find one ***research*** article related to the topic you are interested in. (If you are unsure of whether your article qualifies as a research article, ask me! You will not receive full credit if the article is not a *research* article)
2. I will create a few threads on Piazza for different topics. On the appropriate thread, post a follow-up for each article that includes the following information;
    a. The *title* of the article
    b. A *link* to the article (make sure this is the complete link, and not a referral)
    c. Describe a *method* the authors used and a specific *result* (see below for an example)
3. Discuss the article with your group members and start talking about specific project ideas (Note: the current groups are not final)

An example for the Cellular automata model is given below:

- Title: Cellular automaton model for evacuation process with obstacles
- https://gdancik.github.io/CSC-450/data/hw/Varas_CA_model_evacuation.pdf
- The authors develop a model to simulate the evacuation of individuals from a room with or without obstacles; the authors determine the optimum door position and find that for a double door, the longest evacuation time turns out to occur for a very traditional location of the door.