Paper Requirements

Paper definition:

Researchers and faculty continuously generate results which may be important to the community. Researchers write an article/report/paper in a certain format and submit to any research organization such as IEEE, ASEE, ACM, etc which review the submitted article/paper and if it is approved, it will be published.

Requirements:

You are not required to generate new results but you are required to pick a topic that answer a certain problem/question, download and read a few papers that explore the problem/topic. You then need to summarize all your findings in one report/paper. Finally, you need to analyze the proposed solutions and propose/implement your own solution if you can.

The format of your paper should be in the IEEE format (see the attached file). You are required to submit at least full 5 pages.

Grading:

Grading will focus on the selected problem, your summary, writing quality, references, your analysis, and your proposed solution and implementation.

1. Pick a topic and a problem

2. Search online the problem and try to find min 10 papers/resources (thesis, white papers, books, articles, journals, magazines, anything) talking and proposing solutions to the problem.

3. Summarize the papers you have read.

4. Give your thoughts about the papers.

----------Around 90% of the grade----------

5. Propose your own solution to the problem.

6. Implement any solution from the papers you have read and/or implement your proposed solution.

Plan:

Everything you need to know is posted in this folder and talked about in the beginning of Lecture 2.

The deadline for the paper itself can be found in the deadlines file.

In addition to the paper itself, each student will give a presentation during either week 8, 9 or 10 based on a schedule that will be posted in the next few weeks.

During the presentation, each student should prepare 8 minutes PowerPoint presentation. The first part of this presentation should be about the general problem and summary.

While the second part of the presentation should be on the implementation and proposal if student decides to implement and/or propose (see the rubrics discussed in lecture 2).

To be fair, students who will present during lecture 8 and 9 will get a second chance to present their implementation/proposal part during lecture 10 if they want.

All the best.