Final Project Proposal Structure cs7610

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Use the following structure for the project proposal you will need to submit for the class. Select either IEEE or ACM format and use latex. This proposal will be the first part of the final report you will be submitting for the final project.

The proposal should be 1 - 2 pages including references.

Note: You don't need to have the entire proposal written before asking for my input. You can send it to me by email, or we can meet in person to discuss it. I can help you to carve the scope, so it is doable in 4-5 weeks or help you to define success and path to a paper.

1. **Context**: Describe the context relevant for the problem you are solving.

2. **Problem**: Describe the problem you are solving. Why is it important?

3. **Proposed work**: What is exactly what you will be doing

   - If you are reproducing results from other papers, say that
   - If you are doing something new, explain the scope
   - If you are implementing an existing system, say that

4. **Risks**: What are the unknowns that might prevent you from succeeding? What is your contingency plan?

5. **Success**: How would you define that you were successful in your project?

6. **Path to a research paper**: What is the path from this project to a research paper? What additional work beyond this project and this class will be needed towards a research paper in a top conference. (Note that this will not apply for all papers)