

## Assignment 6: Project Background section, Sr Project Proposal

### Instructions

Write a two-page background section for your senior project. This section corresponds to the "Past Attempts at Solution" section of the proposal abstract outline, below. The purpose of this section is multifold:

- 1) To motivate the reader to be interested in the problem you are solving
- 2) To persuade the reader that there is a need for a solution to the problem you are solving
- 3) To educate the reader about the problem you are solving
- 4) To alert the reader to the shortcomings of existing solutions for the problem you are solving
- 5) To convince the reader that you have a thorough knowledge of the state of the art for the problem you are solving
- 6) To present the reader with citations (i.e., references) that contain more information about the problem you are solving

Pay particular attention to delineating the specific shortcomings of existing solutions for the problem you are solving, as your project description must specifically address each shortcoming.

Use the IEEE Conference Paper Format for your background section, but use only a single column rather than two.

### Proposal Abstract Outline (Adapted from Proposal Outline by John S. Harris, BYU)

- II. Past Attempts at Solution
  - A. Existing solutions to problem
  - B. Shortcomings of existing solutions

### Grading Criteria

- Completeness of items listed in instructions:
  - Motivation for choosing problem
  - Need for solution
  - Education of reader
  - Shortcomings of existing solutions
  - Knowledge of state of the art
  - Citations for references
- Style and grammar
- Clarity
- Specificity of shortcomings for existing solutions