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Due Date: **Thursday, September 20, beginning of class**

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You are to write a paper on a ***Machine Learning or Deep Learning Using FPGA***. In the paper you should discuss the following things:

1. Abstract
2. Background
3. Computational challenges
4. Computational approaches
5. Conclusion

<b>Papers with accurate, specific, and varied references will score higher.</b>
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The length of the paper should be sufficient to cover the subject (i.e. I will not give a minimum page length). Include an executive summary providing an overview of the material to be covered in your paper, and be sure to include references to the material cited.

**NOTE:** You can refer to the following FPGA-specific conferences to gather more information about your paper.

- <https://fpl2018.org/>
- <http://fccm.org/2018/>
- <http://isfpga.org/fpga2018/>

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**Late Policy:** There will be a 25% penalty for each lecture that the paper is late without prior coordination with me. This means that the best you can do is 75% of the total points possible if you are one lecture late, 50% if two, and so forth.