Capstone Worksheet #1

Creating your semester paper using TexStudio Article template, installing ACM template

Dr. Scott

CSI 500

Spring 2019

# Problem #1: Semester paper in TexStudio Article format

Using your TexStudio LaTex IDE, prepare a final version of your semester paper using the default Article format. Your paper should include the following features:

* Title with name, affiliation, and date
* Abstract - provide a short abstract of your work
* Background - include discussion of relevant papers we discussed this semester, with citations. Include discussion of shortcomings with existing research, and explain your research approach. Include a paragraph describing the structure of your paper.
* Methods - explain the computational methods you used. Include a discussion of each of the modeling approaches and tools we covered in class.
* Data - provide an explanation of any data sets you used.
* Findings - present what you found from the methods you applied.
* Discussion - discuss the relevance of your findings. Did you find anything unexpected? Can you explain what you found?
* Conclusions and Future Research - summarize your work with appropriate conclusions. Include a discussion of future work based on new research questions you found during this study.
* References - include a LaTex BibTex generated reference set.

**Turn in a PDF file generated by TexStudio containing your semester paper content.**

# Problem #2: Installing the ACM Small Journal Template

In the lectures, we discussed downloading and installing the current LaTex templates used by the Association for Computing Machinery (ACM). You should have installed the "sample-acmsmall.tex" template into TexStudio. Using (only) the default content in this template, generate a PDF file in ACM small journal format - you don't need to include your research in this file, just use the default content provided by ACM.

**Turn in a PDF file generated by TexStudio showing the ACM small template example. It should look something like this, containing the default content provided by ACM:**

