

Instructions: Provide the link to the shared task that you would like to participate in, and give a 1-paragraph description of the approach you hope to apply.

You are recommended to select a task from [SemEval 2019](#), but you may select another shared task as long as it is a natural language processing task, and it has an official online leaderboard that you are able to submit to. The shared task timeline does not need to match the semester time frame, as long as the task still allows you to submit unofficial results after the official evaluation is over. (This is the case for most SemEval 2019 tasks.)

EmoContent (Task 3): <https://competitions.codalab.org/competitions/19790>

I will build a classifier for the [EmoContent](#) shared task in [SemEval 2019](#), which will detect contextual emotions in a series of 3 short exchanges between 2 users. I will use the pre-trained [BERT](#)-Base [model](#) to acquire word embeddings that will be used as inputs for a classifier. I will build the classifier by stacking bidirectional LSTMs/GRUs. If time allows, I will fine-tune BERT's pre-trained model on the [HPC](#) using the GPU nodes on Ocelote or on [Google Cloud TPUs](#) via [Google Colab](#) for the provided training dataset. Additionally, I will investigate ensembling techniques to improve the overall performance of this classifier.