

CSCI544: Projects Submission Instructions

Project proposals are the first step to deliver your projects. Although, you can still change some goals and steps after writing your proposals, but the more time you spend to clarify your goals for yourself at this stage before submitting your proposal, the easier time you will have to implement your ideas and achieve your goals.

1. Introduction

Grading breakdown of the course project and deadlines:

1. Proposal: 10% (Oct 19)
2. Status Reports: 10% (Nov 11)
3. Project video: 10% (Dec 2 (strict deadline))
4. Final Write-up: 70% (Dec 2 (strict deadline))

2. Project Topic

The goal of your project is to solve an interesting problem, demonstrating your mastery of using NLP on a focused area. Previously, we covered more details on the topics.

3. Proposal Write-up

Each group should submit a single **3 page** proposal (excluding references) by only one of the members. You should use the standard ACL template:

`https://www.overleaf.com/latex/templates/template-for-2-columns-acl-proceedings`
`bdxxrbqzsmpv`

Your proposal should include four sections:

1. Project Domain & Goals
2. Related Work
3. Datasets
3. Technical Challenge

Project Domain & Goals

This section should clearly explain what your project is about. What sort of problem will your project address? Why do we need NLP to address the relevant challenge? What problems will you be able to solve if you successfully implement your ideas?

Related Work

You should include related similar works and explain what will be your additional contribution to the existing works.

Datasets

Will you prepare your dataset or will you use existing benchmarks? Where will the data for your project come from? Be specific! Include URLs for the sources you plan to use. How will you process the dataset? Are there existing standard preprocessing and cleaning that you will use or will you have to develop your own procedure? As a guideline, we expect your project to use at least contain 50,000 instances, e.g., reviews or documents.

Technical Challenge

What is the hard technical problem you will solve? Why is it hard? How does it go beyond the material you have seen in the course syllabus as well as related existing work? How will you know if you succeed in addressing the challenges, i.e., evaluation?

3. Project Status Report

It will be between 1 page and 2 pages document at which you will explain the progress you have made after submitting your proposals. It should have three sections:

1. Tasks that has been preformed.
2. Risks and challenges that you think you need to address by the project deadline.
3. Your plan to mitigate the risks and address the challenges.
4. If you encounter a significant challenge that requires changing your project direction, you need to explain why it is the case and what will be the updated version.

3. Project Video

As a supplementary for your final submission, you need to submit a 5 minute video. You will also upload your video on YouTube. The video should have 2 minutes + 3 minutes structure. In the first 2 minutes, just provide a very high-level overview of your project to someone who has no background. In the next 3 minutes, provide a demo of your project and show-case you have delivered what you claim in your report.

3. Project Final Report

Your final report will be a 4 page report (excluding references) in the format of a short paper. You are free to format your report but a good format is Introduction + Methods + Experiments + Results&Discussion + Conclusions. You can also check short papers, presented at ACL conferences, to learn how to write a good report.

Additionally:

1. Please include the Youtube link for your video in your final report.
2. Upload your code on Github and provide the link.
3. Submit your final project report on Arxiv. It will take a few days for Arxiv to release your report but Arxiv also reports the time of submission which should be before the final report deadline.

Following the above, will help to document your project both for yourself and potentially others who may benefit from your effort.