Project Proposal: <project name here>

CS 2078 Fall 2024

Names:

Replace the text in the sections below (and this line) with the details for your project.

# Introduction

The goal of the introduction is to motivate the problem, state the specific goals of the project, and outline how the project plans to achieve those goals.

Specifically, after reading the introduction the reader should be able to answer the following questions:

1. What is the broad problem area?
2. Why is important – motivation for the work, can include mentions of related work not solving a specific problem.
3. What question will the project be answering – be explicit.
4. How will proposal answer that question (briefly 1-3 sentences), e.g., methodology
5. What is the takeaway of knowing the answer to the question. What changes a result of this work. If this is research, it could be what do you teach the field. For this course it could just be something specific you will learn and knowledge you will be able to use later.

# Background and Related Work

This section should provide the background necessary to discuss the details of the project. If you are applying deep learning to a new problem area you should describe the data, what properties it has, and what is needed to be known to understand what the main work will be.

You should also write about the related work necessary to understand the project or how the main work will be evaluated. For example, if you are creating a new method you should describe the baselines you will be comparing to and what the will be lacking.

# Project Details

This section should describe the main goals of the project and how it will be achieved. If you are creating a new model, it should be described here. If you are answering a specific question, you should write what quantities you will be measuring and why those are going to answer that question. Lastly, you should describe the details of the experiments you will be running, e.g., what data will you use, how much is it, what baselines will be compared.

# Schedule:

Give a week by week schedule of the work you will get done for this project.

|  |  |
| --- | --- |
| Week of | Task |
| Oct 28 |  |
| Nov 4 |  |
| Nov 11 |  |
| Nov 18 |  |
| Nov 25 |  |
| Dec 2 |  |
| Dec 9 | Presentation and submission of Final Report |