

CS5811 Project Proposal: The Title of Your Awesome Project

Jordon Dornbos
Liang Yan

September 14, 2014

1 Project Overview

Provide a paragraph introducing your project. Give a brief description: A more detailed description will be in Section 1.1. Tell what motivates you to solve this problem.

You should have all the sections listed in this document. You may add more sections or change the order of the sections.

Throughout the document, assume a reader who has a good computing background. For example, don't describe what a tree is, but describe what the tree you use will be like.

1.1 Problem description

Start with an informal description, then define the problem as formally as possible. Provide background information where needed. Give the algorithms and heuristics that will be used. Give an illustrative example.

1.2 State of the Art

What is the state of the art in terms of solving the problem you described? What contributions do you expect to make with this project to solving this problem and to your learning? Tell what your objective is and how you will measure success.

1.3 AI techniques

Which AI techniques are you planning to use? How is this project relevant to the Advanced AI course?

2 Tasks

Define the tasks that you will need to accomplish as part of your project. Remember to describe the experiments you will carry out. Give a time estimate and tell who will do each task.

Use a project description scheme such as a Gantt chart. However, don't spend time or money on project description software unless you have one that you are familiar with.

Tell which programming language and environment will be used, and whether you will be using any existing software. Provide a literature review here or where needed.

3 References

Give a list of references. There is no limit on the number of references but cite only relevant publications.