

CS 309

Autonomous Intelligent Robotics (FRI I)

HW 5: Final Project Proposals

Part A Due: April 16, 2020

Part B Due: April 20, 2020

You can find the latest version of this PDF at

http://justinhart.net/teaching/2020_spring_cs309/homework/HW5/hw5.pdf

Part A

The first part of your assignment is to present ideas that you are interested in pursuing, in class, on April 16, 2020, as announced in class on April 14, 2020.

You should present at least 6 slides.

There should be 2 slides per project for 3 projects.

1 slide introduces the "idea" – What the project hopes to accomplish.

1 slide introduces the "implementation" – How you think you can do it.

Plan on talking for about 5 minutes as a group, and then discussing your project with the class for about 5 minutes.

The goal is, at the end of class, or thereabout, you will know what your final project is.

Part B

The second part of your assignment is to write a short "prospectus" for your project, describing it in more detail, and in particular working out a timeline that you plan to implement each part by.

It should be a minimum of 1.5 pages, and the text must hit the bottom of the second page.

It must use the IEEEtran style.

It should include typical paper sections.

Introduction

Background (Optional)

Approach

Conclusion

As part of your "Approach" section, you should include a timeline with milestones regarding how far you plan to be in the project.

Ideally, you will use \LaTeX to write your paper, on Overleaf. However, if you wish to use another tool, adhere to the IEEEtran style by downloading the template from an IEEE conference. A Word template is available.

Key points

10pt font

Title centered

2 columns

24pt for title

16pt for authors

16pt for section headings