

Guidelines for Project Proposals

HCI/CprE/ComS 5750: Computational Perception

Project Proposals

- Preferably, teams of 2-3 students
- Try to team up with people with different skills than yours.

Proposals: What to Submit

- Idea/application:
 - Your sales pitch
 - What is your target audience/user population
 - Demonstrate a need for that application
 - Previous approaches (if any)
 - Related work
 - Your previous experience (needed to show why you think you can do it when others before you have failed)

Proposals: What to Submit

- Your Approach (in details)
 - Equipment to be used
 - Algorithms and data structures
 - Dataflow, user interface, etc.
 - Include images/diagrams of mock setups

Proposals: What to Submit

- Evaluation Methodology
 - How do you plan to test it?
 - What is defined as success in your case?
 - How many test conditions?
 - How many test subjects (if applicable)?
 - How will you evaluate your results?
 - How will you improve it based on the results?

Proposals: What to Submit

- Submit 10-15 pages
- Due: Thursday March 12
- You will grade the proposals of your peers

Final Project

- Write up (25+ pages)
- Demo
- Videos
- Experimental Results
- Oral Presentation
- Web page for your project/code

Final Project

- Writeups Due:
 - Thursday, April 30.
- Presentation during dead week
- Presentation Style:
 - poster & live demo presentation
 - For distance students: video presentation and electronic poster uploaded on Canvas
- Start soon!!!