

# Guidelines for Project Proposals

HCI/CprE/ComS 575: 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 8
- You will grade the proposals of your peers

# Final Project

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

# Final Project

- Writeups Due:
  - Thursday, April 19.
- Presentation Style:
  - Mini-Conference ( during dead week)
- Start soon!!!