



HCI/ComS 575X:  
Computational Perception

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[http://www.cs.iastate.edu/~alex/classes/2006\\_Spring\\_575X/](http://www.cs.iastate.edu/~alex/classes/2006_Spring_575X/)

## 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: Monday, March 6 (in three weeks)
- 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:
  - Wednesday, April 19.
- Presentation Style:
  - Mini-Conference (last week, April 24 & 26)
- Start soon!!!