Outline
CS376 Computer Vision
Wednesday, April 6, 2011

Instance recognition

- Spatial verification strategies
  - Generalized Hough
  - Tradeoffs with RANSAC

- More text retrieval influence
  - Tf-idf weighting
  - Query expansion

- Instance recognition in the sky

Generic category recognition

Introduction to the problem: applications, challenges, state-of-the-art

Basic pipeline of category recognition techniques

Supervised classification

- Definition
- Example with skin color detection
- Generative vs discriminative