Midterm Review
Announcements

• Midterm: Thursday: 7-9pm
• cs88.org: forms for alternate midterm and DSP accommodations
• Exam is open resources, except searching for specific questions
  – We might revise this for the final if it’s a problem!
• Remember: While there is proctoring, focus on the exam first. If you have an issue, let us know. And if you can’t resolve it, that’s OK!
Computing In the News

• Tool helps clear biases from computer vision, Princeton

• By Molly Sharlach October 01, 2020

• The first tool, called REVISE (REvealing VIsual biaSEs), uses statistical methods to inspect a data set for potential biases or issues of underrepresentation along three dimensions: object-based, gender-based and geography-based. A fully automated tool, REVISE builds on earlier work that involved filtering and balancing a data set’s images in a way that required more direction from the user. The study was presented Aug. 24 at the virtual European Conference on Computer Vision.

• REVISE takes stock of a data set’s content using existing image annotations and measurements such as object counts, the co-occurrence of objects and people, and images’ countries of origin. Among these measurements, the tool exposes patterns that differ from median distributions.
Learning Objectives

• Midterm Review
  - Let’s talk general questions
  - Then we will find specific problems to go over.

• Review the Zoom Recording.
My Advice

• Don’t rush!
• Don’t “abuse” the interpreter... Guess and Check is not going to be effective.
  – Think first, then test.
  – Everything can be done without a computer
  – Write your thoughts out on paper