Computer Vision
What is Computer Vision?

- Recognize objects and people in images
- Construct 3D models of scenes
Difficulties

- Humans are good at “hard” things, but computers are good at “easy” things.
- Human vision relies a lot on context
Edge Detection

- Start at the bottom; pick out edges in an image.
Segmentation

- From edges, identify major regions in image
Matching

- Compare image characteristics to thousands of images with known objects
- Find best match
Movies

https://www.youtube.com/watch?v=4NU9ikjqjC0