



Introduction to Computer Vision

CSE 527 Spring 2011

Prof. Alex Berg

Watch this...

<http://www.youtube.com/watch?v=mAnKvo-fPs0>

<http://www.youtube.com/watch?v=0grANlx7y2E>

<http://www.csc.ncsu.edu/faculty/healey/PP/>

Some possible explanations...

- Overwriting
- First Impression
- Nothing Is Stored
- Everything is Stored
- Feature Combination

- Attention Matters!

Built in at a very low level

- Hold hand out in front at arm's reach
- Look at one then the other
- Now hold hands out at the limits of your vision on either side, look at one then the other
- No perception of motion as you change gaze direction, slight sense of blankness for spread arms

Bio Steady Cam

<http://www.youtube.com/watch?v=UytSNlHw8J8>

Next assignment Kinect Surveillance

- **Part I**

- With a fixed, or nearly fixed camera, identify the changing/moving parts of a scene
- Useful for tracking people/cars/etc.
- Kinects signed out today
- Get them working with matlab by Thursday
- make simple Background Subtraction demo by next Tuesday
- <http://www.cse.wustl.edu/~pless/papers/cvprInd.pdf>