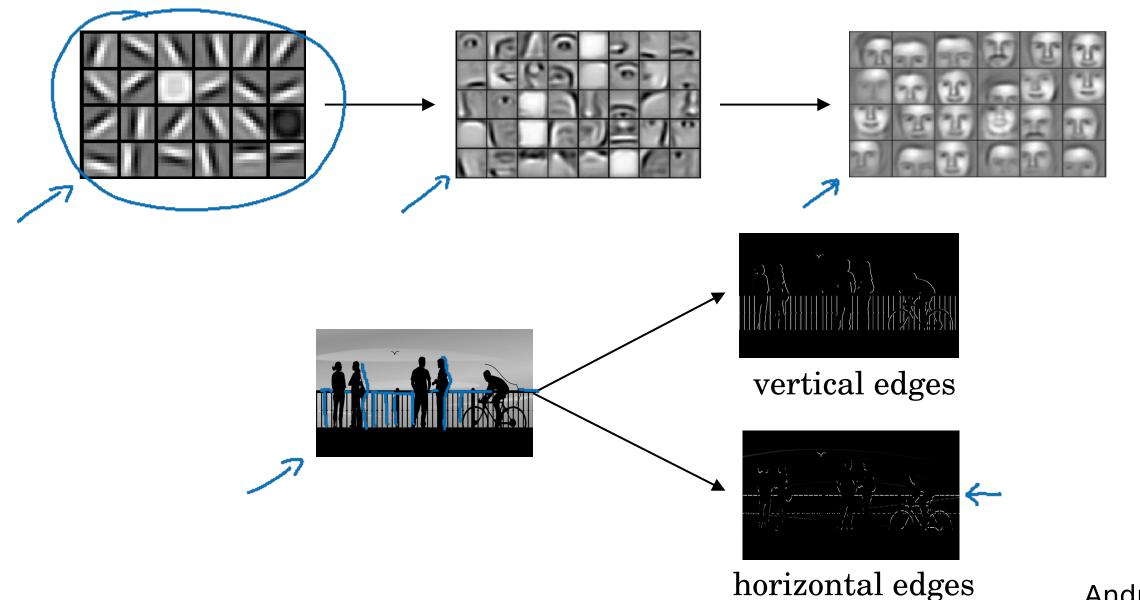


## Convolutional Neural Networks

Edge detection example

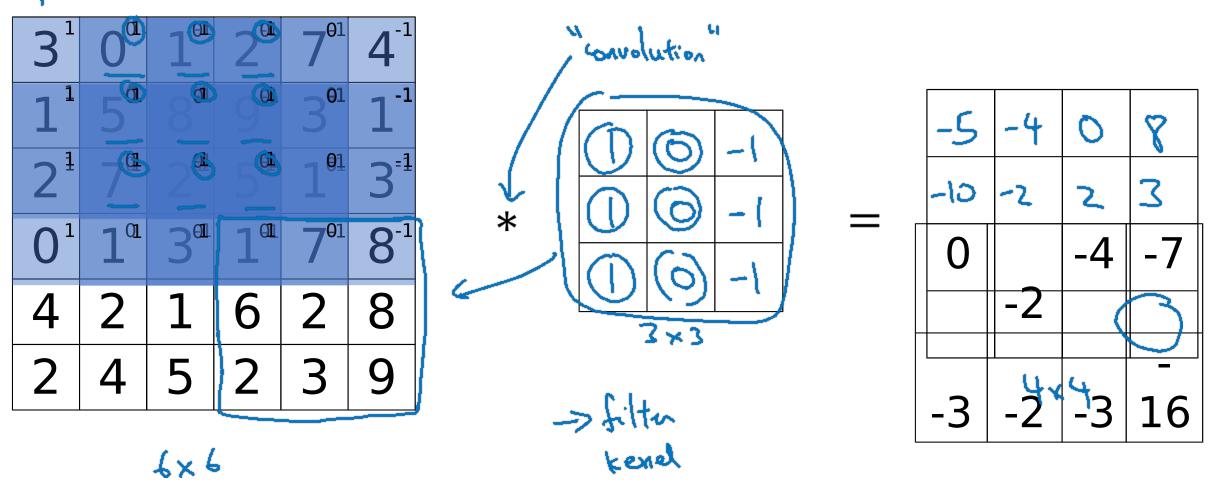
## Computer Vision Problem



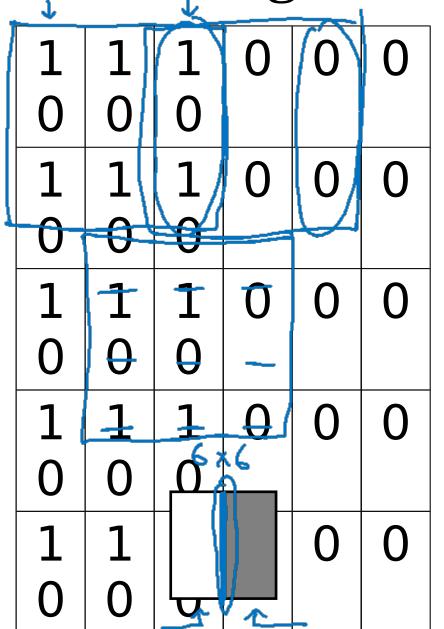
Andrew Ng

## Vertical edge detection

1-33x1 + 1x1 +2+1 + 0x0 + 5x0 +2x0+1x+ +8x-1+2+-1=-5



## Vertical edge detection



		J		
(	1	0	-1	
*	1	0	-1	=
	1/	0	-1/	
		3×3		

\*

