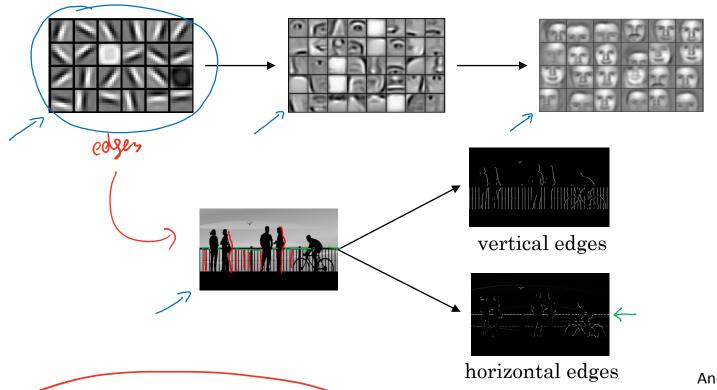


Convolutional Neural Networks

Edge detection example

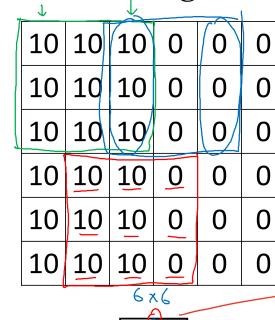
Computer Vision Problem

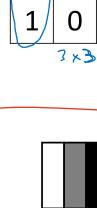


Andrew Ng

Vertical edge detection => 3×1 + [x] +2+1 + 0x0 + 5x0 + 7x0+ [x + +8x-1+2x-] = -5 "convolution" -10 8-1 0-2 6 8 3 9 6x6

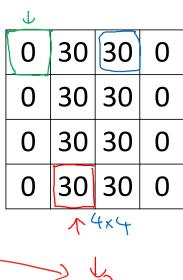
Vertical edge detection





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