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Part 1 (Image Filtering)

partial_x: Sobel

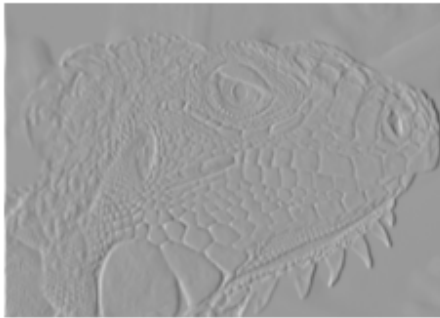
-1	0	1
-2	0	2
-1	0	1

partial_y: Sobel

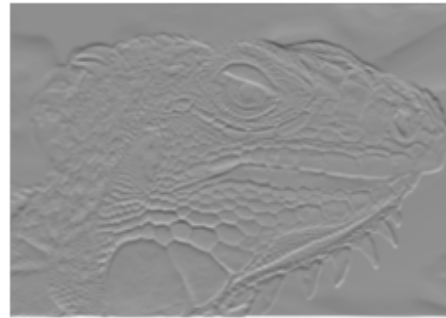
1	2	1
0	0	0
-1	-2	-1

Part 2 (Edge)

x-direction



y-direction



Gradient Magnitude



Part 3 (Corner)

Corner Response



Threshold



Peak Local Max



Part 4 (Image Sampling)

