

















Project Assignment 6	
 Step 3: Profile the Canny functions, obtain relative computational complexity Profiled complexity comparison (in Canny.txt): 	
Gaussian_Smooth	42.64%
Gaussian_Kernel	0%
BlurX	22.73%
\ BlurY	19 .9 1%
Derivative_X_Y	6.12%
Magnitude_X_Y	16.09%
Non_Max_Supp	25.16%
Apply_Hysteresis	9.80%
	100%
Profiling results vary, but Gaussian Smooth is a bottleneck!	
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