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CS 445 - Project 3: Gradient Domain Fusion

Complete the claimed points and sections below.

Total Points Claimed   **100 / 160**

    Core
    1. Toy Problem   20 / 20
    2. Poisson blending   50 / 50
    3. Mixed gradients   20 / 20
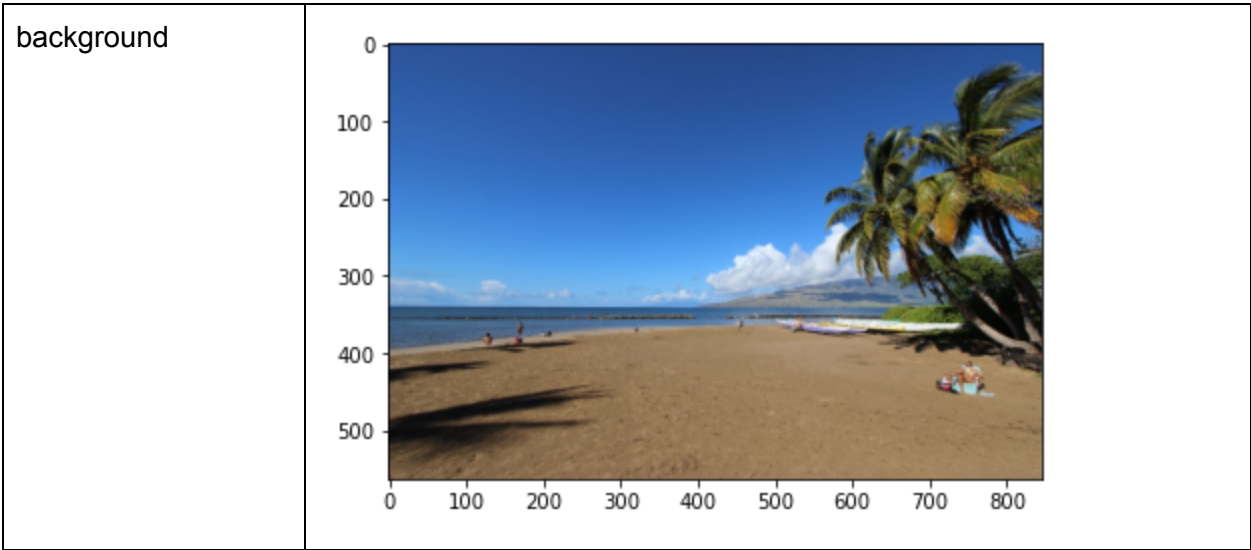   4. Quality of results / report   10 / 10

    B&W
    5. Color2Gray   0 / 20
    6. Laplacian Pyramid Blending   0 / 20
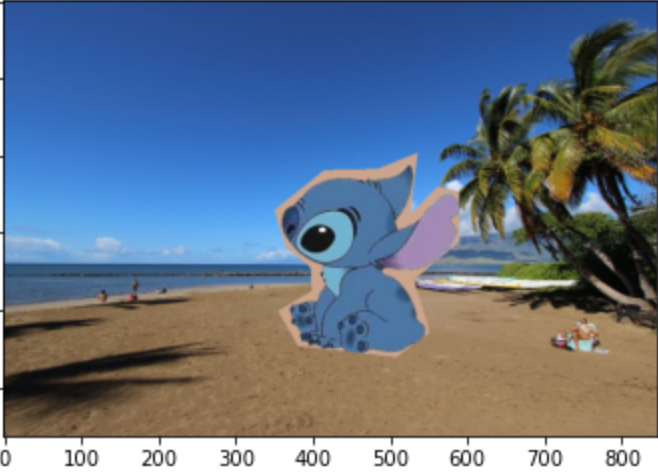   7. More gradient domain processing   0 / 20

1. Toy problem
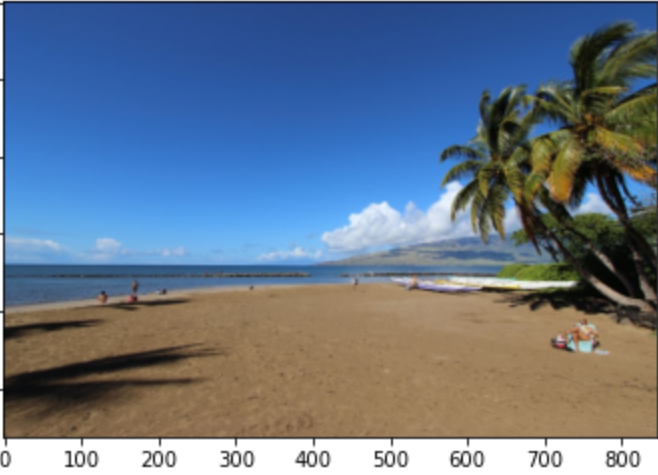
Max error is: 7.5332676048867064e-06

2. Poisson blending
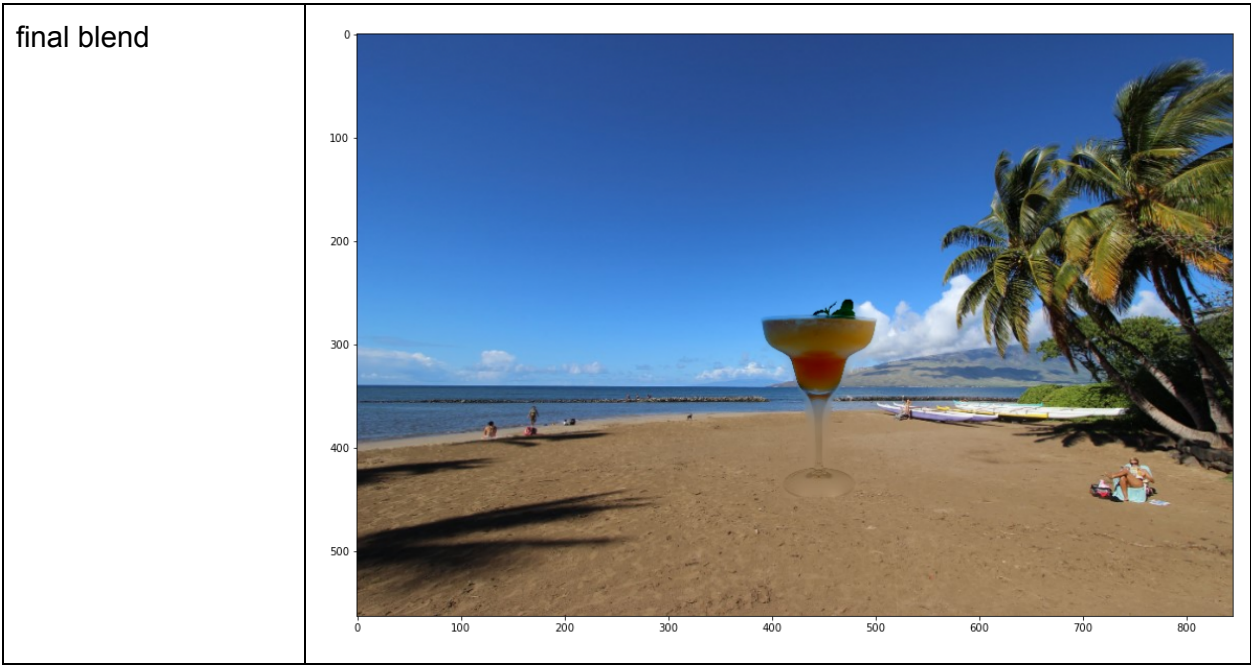
Favorite:
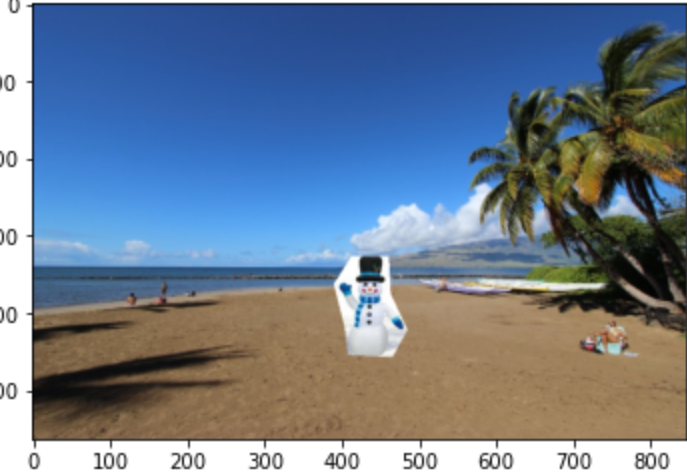
background	

object	
direct paste	
final blend	

Good:

background	
object	
direct paste	

final blend	

Failure:

background	
object	

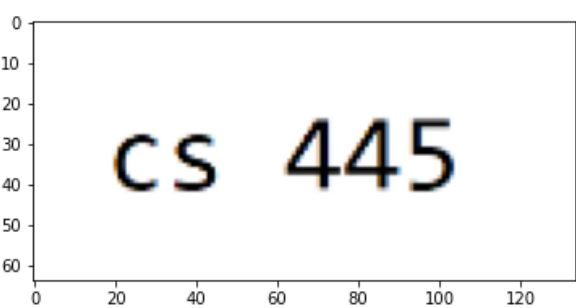|	
direct paste	
final blend	

This case failed because the snowman is the same color as the object's padding inside the mask. Since the gradient is low between most pixels and the borders, the snowman inherits its color from the background, making it look translucent.

3. Mixed gradients

background	
object	
direct paste	

final blend	