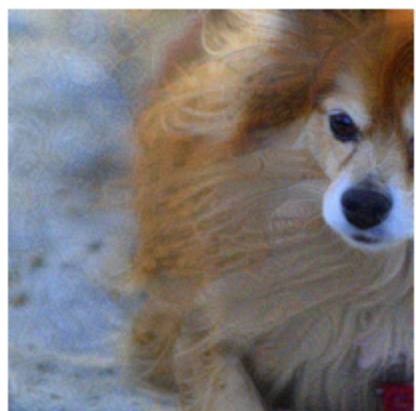


High-resolution  
Image



## High-resolution Network

Inception-v3

### Classification Result

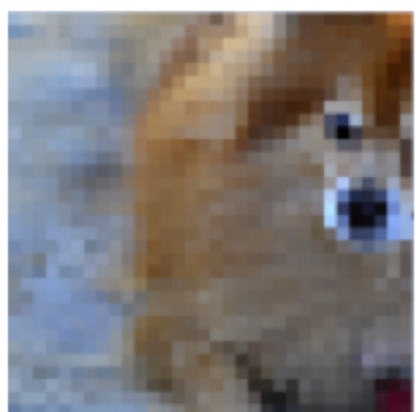
n03095699  
n03447447  
n03891251  
n04465501  
n01820546  
...

Mapping  
Table

### Classification Result

Ship  
Ship  
Other  
Truck  
Bird  
...

Resize



Low-resolution  
Image

## Low-resolution Network

Resnet-32

### Classification Result

Dog  
Cat  
Horse  
Bird  
Frog  
...

## Detection and Classification

Comparison  
Algorithm

Reject

Adversarial Example

Real Image

Classification Result