

How I remember London



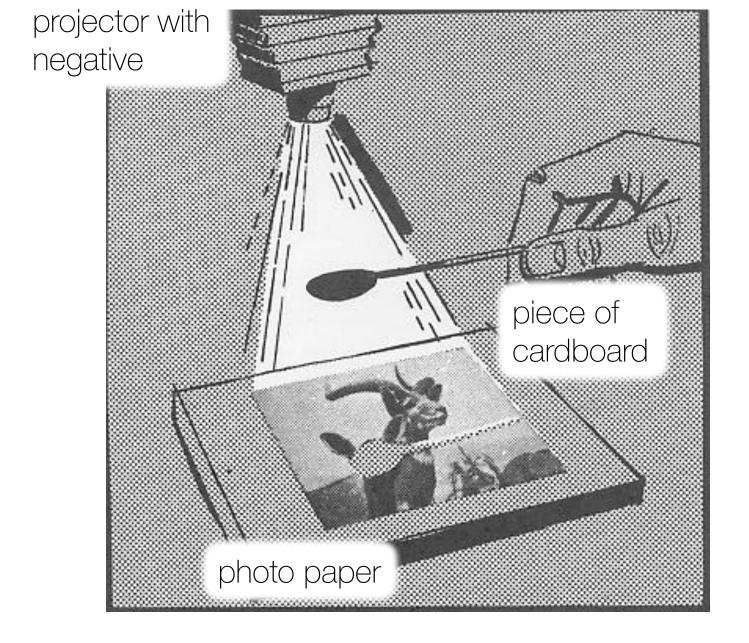
### What my camera saw



### How I remember Barbados



What my camera saw



Printing photos used to be hard



Now with computers, it is a lot easier.



Now with computers, it is a lot easier. But it is still hard...



Now with computers, it is a lot easier. But it is still hard... It does not have to be this way.

# Many images can become great after retouching.

It does not have to be hard.

 $= 2 \sin x \cdot \cos x + \cos x +$ 



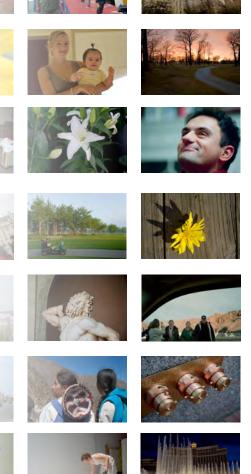
## First Things First Make this Photo Look like a Postcard



## 5000 photos

## 5 trained photographers

## 1+ year of research







































photographer C

### photographer D

photographer E









photographer A



### photographer B

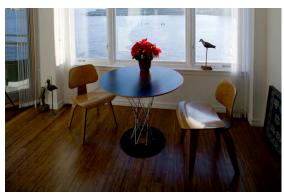
## **Same Instructions Different Interpretations**

photographer C

### photographer D

photographer E



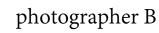








#### photographer A





## Brightness & Contrast



## **Under the Hood**



input photo



















































## **Under the Hood**



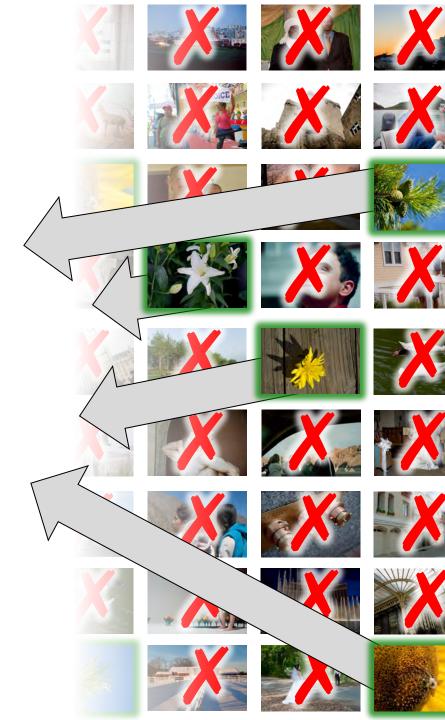
input photo

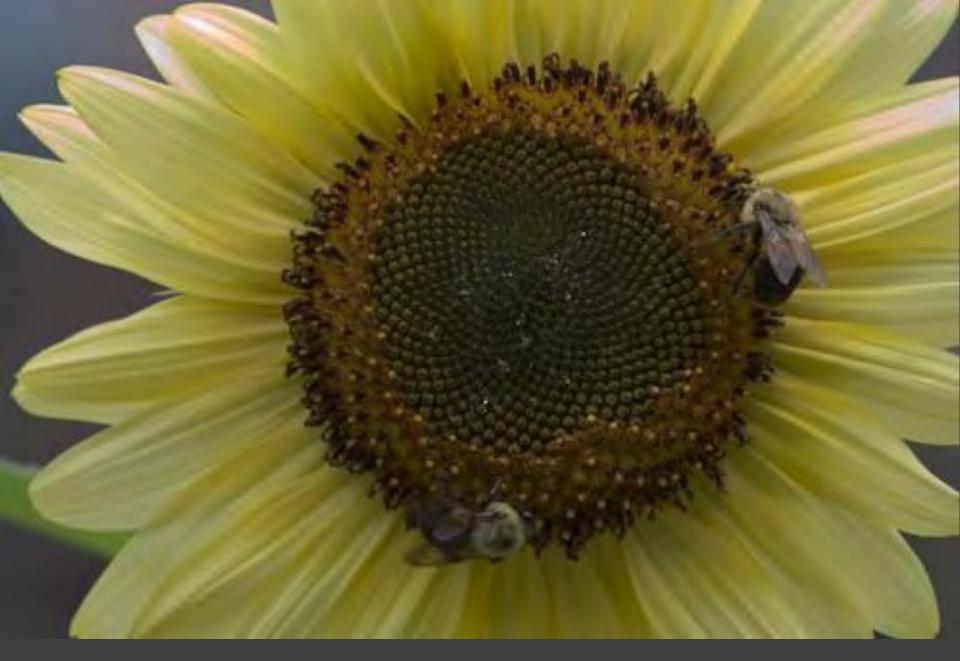


## **Under the Hood**

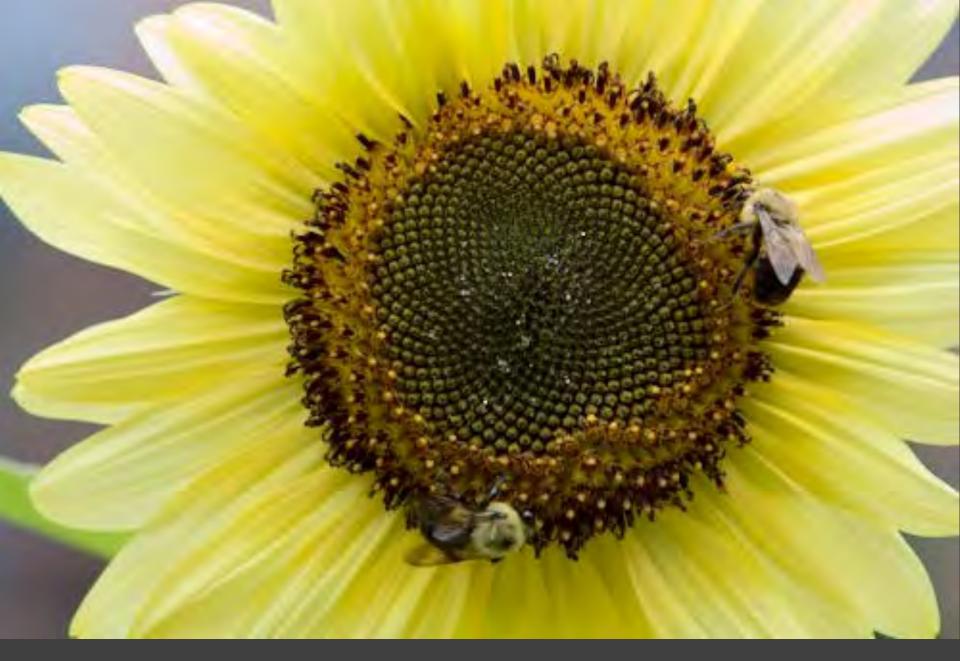


our result

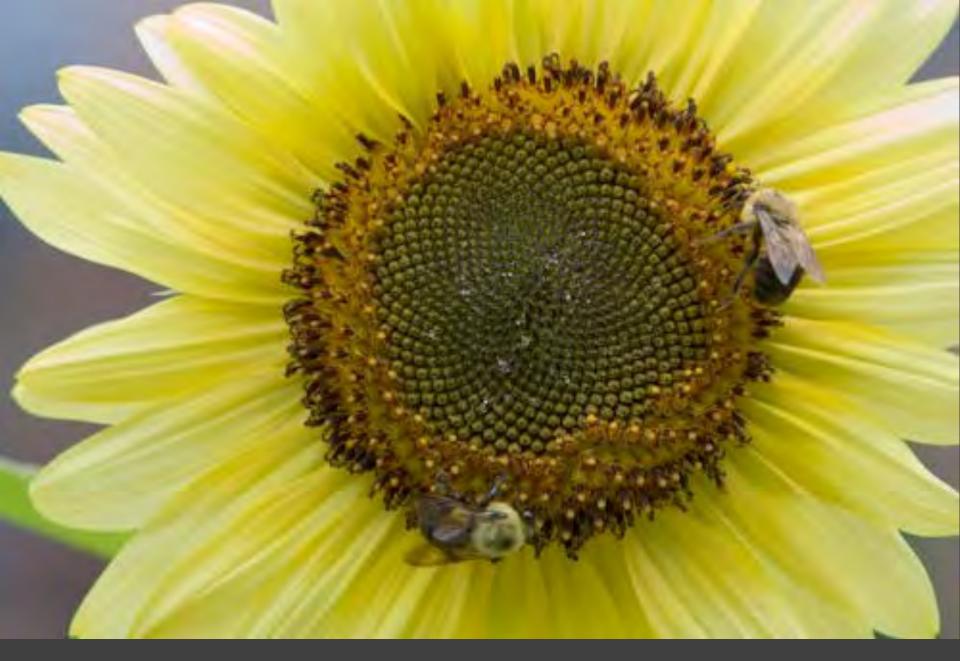




Input photo



### Our version



Photographer's version









### Input photo



### Our version



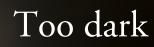
Photographer's version







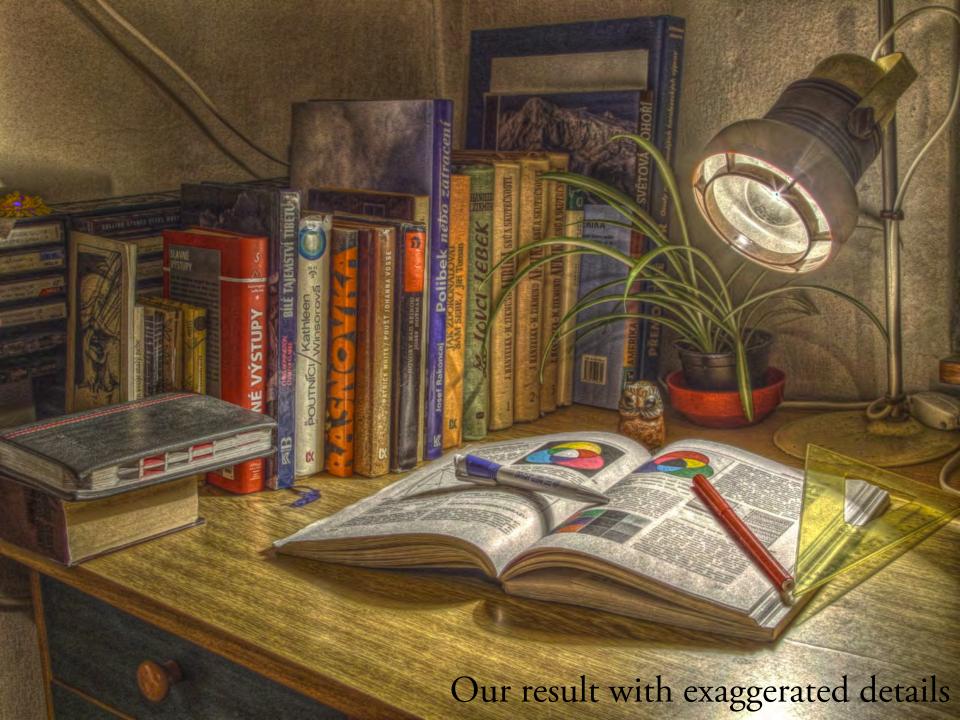
## Wait! We can do more...















## Now, Let's Add Some Style

## Make this photo



## look like this one



### Input photo









### Another result (same model)





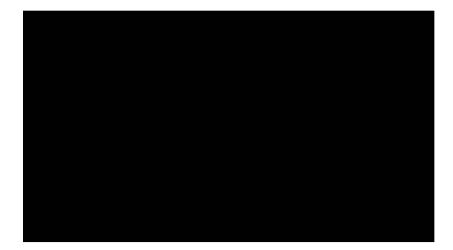
## Last but not Least Make it Look like Another Time of Day





# **Under the Hood**

### 400+ time-lapse videos







Input



### Our result (golden hour)



### From a single input photo

# Acknowledgements

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