# Learning to See in the Dark

Improving Accessibility

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## Paper Overview

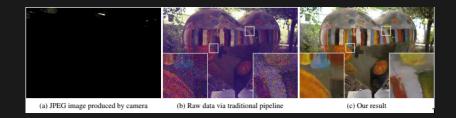
### Goal and Approach

- High ISO is noisy
- Get long exposure quality with short exposures
- Train a model to reflect this

#### Their Results



### Their Results



### Flaws of Current Implementation

### Python2

- Support ending soon
- Rife with deprecation warnings
- Can hurt adoption

#### Provided Data/Models

- Unrealistic Hardware requirements to train
- Code is disjoint, tricky to get started
- Restricted to two Camera brands/RAW formats

### Demo

## Web App

- Increase exposure
- Encourage curiosity

#### Our Results/Improvements

- Implement batching to reduce training memory usage
- Support DNG (Smartphone RAW)
- Created a Web App
- Basic CLI + module
- Refactored shared code
- Created a IPython Notebook for Colab

## Going Forward

## Supporting more raw formats

a

## General JPG/PNG implementation

b

Provide more information to why/how this works (visualization)

C

### Better hosting solution for dataset

d

### Put it in an App and charge \$5

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