

Colorful Image Colorization

Jun-Jul 2020 WTEF Project

Priyansi, Sejal, Twisha

24 June 2020

The objective of our project is to replicate the paper on Colorful Image Colorization, by Richard Zhang, Phillip Isola, Alexei A. Efros (5 October, 2016).

Technology Stack

1. Deep Learning with PyTorch
2. Flask

Given a grayscale photograph as input, this paper attacks the problem of hallucinating a plausible color version of the photograph. We propose a fullt automatic approach that produces vibrant and realistic colorizations.

All three of us are following a FreeCodeCamp course on Deep Learning, Twisha and I are on the Leture 2 while Priyansi is on Lecture 5. We have discussions every alternate day about our progress on learning. Since, we are still in the learning phase, there is not much to comment on our progress with the project itself.