Colorful Image Colorization

Jun-Jul 2020 WTEF Project using Deep Learning

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Overview

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

Description

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

Status

The work on the project itself has not been started yet. All three of us are still in the learning phase. We plan to start working on it within the next two days.