Kaitlyn Dominguez

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Software Development 1

Dr. Rivas

I would like to do my project on image filtering. Image filtering helps modify and enhance certain features on images. I am personally a big fan of making small adjustments to the pictures I take to make them look more professional. I take a lot of pictures on my cell phone and while the quality is usually good, it still doesn’t look like a picture taken by a real camera. There are some apps I can use to help change my pictures but many of them have dramatic filters. They make the pictures look messy and unauthentic and other people can tell that the image has been edited. When editing my pictures, I will enhance some parts of the image but I still want it to look authentic; like it was taken on a professional camera. I would like to use my Java skills to make an application that helps users modify their images to look more professional. My application will help users make subtle yet important changes to their photos. There are several filters that completely change a picture and most picture editing apps include them. I will not include these filters. Instead I plan to focus on more subtle changes that make pictures look more professional such as brightness, structure, sharpness, and contrast features. These are my favorite tools to use when adjusting my photos because they can transform a picture without other people realizing that the photo has been edited. Cell phone cameras get better and better with each new phone release, so phone cameras do take decent pictures. But if you compared a picture taken on a cell phone to a picture taken on a professional camera you would know which is which. I am excited to make an app that I will get use out of and that can really help people who are interested in photography.