

Report

April 20, 2025

1 Homework 1 Report

1.1 Code Explanation

My solution reads the raw file, normalizes it into a float array and then applies demosaicing to convert the Bayer pattern into a full RGB image. It does white balancing, applies inverse gamma curve and writes the final image to a file in JPEG format. For debugging the comparison code, I used chatgpt to get some metrics to compare the ground truth output images to the one the pipeline produces.