

Proposal

- Motivation (2-4 sentences): Why did you choose this topic? What do you hope to learn?

My topic is using a color image to color a greyscale image based on the paper “*Transferring Color to Greyscale Images*”. Some scientific pictures and old photos are black and white, so this technique can be used to color them. I hope I can learn a new image coloring algorithm.

- Milestones (table or bullet list): What steps are required to complete the project? When do you expect to complete each. You should hold yourself to this plan?

Read the paper	11.14
Prepare image	11.20 – 11.28
Write the code	
Run the program	
Write the report	12.4 – 12.5

- Evaluation (2-4 sentences or list): How will you test your method? What do you consider a successful outcome?

I will run the program to get an output coloring image. If the colors in the picture match our common sense, it can be considered a successful outcome.

- Resources (bullet list): What resources do you need to complete your project (data, computation, equipment, etc.)? Verify that you have them or explain how you will acquire them.

- Images taken by myself
- Use my local laptop to complete it like usual MP.
- Reference: Welsh, Tomihisa, Michael Ashikhmin, and Klaus Mueller. "Transferring color to greyscale images." Proceedings of the 29th annual conference on Computer graphics and interactive techniques. 2002.

- Group: if working in a group, what will be the contributions of each group member

I work alone.