

Journal Report 1

9/3/19-9/10/19

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Period 1, White

Daily Log

Detail for each day about what you researched, coded, debug, designed, created, etc. Informal style is OK.

Tuesday September 3

I downloaded OpenCV and began to learn the basics of computer vision as I have not had any computer vision experience yet.

I also planned out the goals of the project for the next few weeks. I plan on having the program recognize the cube in the next 2 weeks.

Thursday September 5

I spent more time learning and familiarizing myself with the environment of computer vision and techniques important to it.

I also did a bit of research about past projects involving rubik's cubes. I looked up methods that would be important for recognizing a cube with computer vision.

Timeline

Date	Goal	Met
Today	Get a better understanding of computer vision	Yes, I learned the basics of computer vision.
Today plus 1 week	Master the basics of computer vision.	
Today plus 2 weeks	Recognize the cube given an image containing a cube with straight sides.	

Reflection

In narrative style, talk about your work this week. Successes, failures, changes to timeline, goals. This should also include concrete data, e.g. snippets of code, screenshots, output, analysis, graphs, etc.

At first, it was difficult to download openCV and get it to work on my computer but it took a long time to do so. After I got it on my computer, I began to learn the basics of cv. I also realized that my original goals were too ambitious and made the goals more reachable. I also investigated past research in this field.