

CS 91R: The Computational Image

Assignment 10: Project Proposal

DUE April 15th at 11:59 PM

This week we will mostly work on our projects. But first run the sketch included that calibrates the camera and draws a simple 3D scene.

1 Camera Calibration

1. What does your camera matrix look like?
2. What does OpenCV's `solvePnP` do?

2 Final Project

1. What do you want to do for your final project?
2. Why is it interesting?
3. Why do you think it is ambitious?
4. Why do you think it is achievable?

3 Learning Objectives

- calibrate your camera
- draw a 3D virtual scene on your live webcam
- propose a final project

4 Deliverables

1. Demo your sketch during lab.
2. Answer the questions above in the reflection (as a markdown document named `reflection.md`).