

# Semester Review

The semester's end is almost here! Here's an overview of my work.

## Work Completed

Over the course of the semester, I've successfully managed to get the program to scan a live stream, detect faces, and display an altered video feed in real time. I've also done a lot of research into convolutional neural networks and computer vision and have found a way to apply the same techniques to other types of detections. I've found and learned how to use programs some of which are very new and I've found many different techniques for screen capturing and tested them for speed. Though I didn't end up using it, I've also looked into OBS Studio as a means to alter screens. It's often used by streamers to show and edit live video content and it has python support though apparently it hasn't been updated recently. I've also met with you several times.

As of me writing this, I have 55.76 hours logged and I fully plan to complete at least another 6 hours before the end of Saturday. I probably missed a few hours from our meetings and early research in the first weeks of the semester.

That being said, the grade I think I deserve is a C.

I would say a B since I've put a lot of work into my senior project, resume, and Research & Creative Works Conference presentation and I also believe my resume and GitHub are well within the scope of this project, but I only have about half of the hours I was expected to complete for an A grade and the blog posts aren't up yet (but will be before the end of Saturday). My senior project presentation got a very high score despite this though, so apparently I got a lot done in that time I've spent on this. I am also working on getting the github.io site up, so the blog posts aren't public at the moment, but I'll be sending to them to you via Slack, email or Canvas here in a day or two.

## Links

- [GitHub Repo](#)
- Blog post 1: Virtual Environments
- Blog post 2: GitHub on Terminal Guide
- [Updated Resume](#) and it's corresponding [repository](#)