‹ Return to "Self-Driving Car Engineer" in the classroom

Vehicle Detection and Tracking

Meets Specifications

🏆 Terrific job with the project! I'm impressed with how you leveraged the main concepts of the Vehicle Detection lesson in your submission. 😎

To see some ideas on using deep learning to detect vehicles, you can read this post on the U-Net architecture. And for some inspiration to try combining this project and the advanced lane finding pipeline, check out this video.

Writeup / README

The writeup / README should include a statement and supporting figures / images that explain how each rubric item was addressed, and specifically where in the code each step was handled.
Good work including the pdf writeup and addressing each of the rubric items using the suggested writeup template.

Histogram of Oriented Gradients (HOG)

Explanation given for methods used to extract HOG features, including which color space was chosen, which HOG parameters (orientations, pixels_per_cell, cells_per_block), and why.
Nice job extracting the HOG features, and discussing how you arrived at your HOG parameters by trying various combinations. 💡 **Suggestion: HOG parameters**