# Programming Assignment: Image Segmentation with U-Net

Passed · 100/100 points

**Deadline** Pass this assignment by Feb 19, 11:59 PM +06

Work in Browser

Instructions My submissions

Welcome to the final assignment of Week 3 in Course 4 of the Deep Learning Specialization! You'll be building your own U-Net, a type of CNN designed for quick, precise image segmentation, and using it to predict a label for every single pixel in an image - in this case, an image from a self-driving car dataset.

Instructions:

- Do not use loops (for/while) in your code, unless the instructions explicitly ask you to do so.

- Some code blocks contain graded functions, where you'll be expected to write some code. These are marked at the top of the block by a #GRADED FUNCTION comment, and you'll write your code in between the ### START SOLUTION HERE ### and ###END SOLUTION HERE### comments. Also, look for another comment that indicates roughly how many lines of code it will take to complete. After coding your function, run the cell right below it. This cell checks whether your results are correct, and cannot be modified.

When you run that cell and see the following:

"All tests passed."

...You're in good shape. :)

Take your time to complete this assignment! After you are done, submit your work and check your results. You need to score 70% to pass. Good luck! :)

Click on "My Submission" above to see your grades. It might take up to one minute for the graders to process your submission. You will see the point breakdown of your assignment, along with the grader feedback.