

First, the neural network maps the design mockup into a list of pixel values. From 0–255 in three channels — red, blue, and green.

To represent the markup in a way that the neural network understands, I use one hot encoding. Thus, the sentence “I can code” could be mapped like the below.

In the above graphic, we include the start and end tag. These tags are cues for when the network starts its predictions and when to stop.