



Keep Learning

grade 100%

Hyperparameter tuning, Batch Normalization, Programming Frameworks

ATEST SUBMISSION O	_	
	ong a large number of hyperparameters, you should try values in a grid rather than random values, so ry out the search more systematically and not rely on chance. True or False?	1/1 point
✓ Correct		
	ameter, if set poorly, can have a huge negative impact on training, and so all hyperparameters are about nt to tune well. True or False?	1/1 point
✓ Correct Yes. We	've seen in lecture that some hyperparameters, such as the learning rate, are more critical than others.	
("Caviar") is large Whether yo The presence The amoun	rameter search, whether you try to babysit one model ("Panda" strategy) or train a lot of models in paralle ely determined by: The use batch or mini-batch optimization The of local minima (and saddle points) in your neural network The of open training to the computational power you can access The of the open training tra	1/1 point
✓ Correct		
way to sample a	yperparameter for momentum) is between on 0.9 and 0.99, which of the following is the recommended value for beta? = np.randon.rand()	1/1 point
2 be	= r#0.09 + 0.9 = np.random.rand()	
	eta = 1-10**(- r - 1)	
	= np.random.rand() tta = 1-10**(- r + 1)	
	= np.random.rand() ata = r*0.9 + 0.09	
✓ Correct		
	perparameter values is very time-consuming. So typically you should do it once at the start of the project, ery good hyperparameters so that you don't ever have to revisit tuning them again. True or false?	1/1 point
✓ Correct		
In batch normal normalizing?	ization as presented in the videos, if you apply it on the \emph{l} th layer of your neural network, what are you	1/1 point

