Meets Specifications

Good job overall training a sequence to sequence model on a dataset of English and French sentences!

To answer your question: Don't worry about the fact that your training accuracy is slightly higher than my validation accuracy! Your network architecture is superb and it is normal for the accuracies to differ just a little bit.

Congratulations and good luck with your Nanodegree!

**Required Files and Tests**

**The project submission contains the project notebook, called “dlnd\_language\_translation.ipynb”.**

**All the unit tests in project have passed.**

Good job getting all the unit tests to pass!

**Preprocessing**

**The function text\_to\_ids is implemented correctly.**

**Neural Network**

**The function model\_inputs is implemented correctly.**

**The function process\_decoding\_input is implemented correctly.**

**The function encoding\_layer is implemented correctly.**

**The function decoding\_layer\_train is implemented correctly.**

**The function decoding\_layer\_infer is implemented correctly.**

**The function decoding\_layer is implemented correctly.**

You could also use tf.variable\_scope with the reuse\_variables() function therefore please replace your line:

with tf.variable\_scope("decoding", reuse=True) as decoding\_scope:

with this one:

decoding\_scope.reuse\_variables()

**The function seq2seq\_model is implemented correctly.**

**Neural Network Training**

**The parameters are set to reasonable numbers.**

Your parameters are exemplary!

**The project should end with a validation and test accuracy that is at least 90.00%**

Good job getting the validation accuracy above 90%

**Language Translation**

**The function sentence\_to\_seq is implemented correctly.**

**The project gets majority of the translation correctly. The translation doesn’t have to be perfect.**

Wow, what a great translation!