

**Tuesday Oct 8, 2024**

In-class Warm Up

COSC 426A NLP

Prof. Forrest Davis

Name:

Discuss and complete the following questions with the person nearest you. You **may** be asked to share your thoughts with the class.

1. Discuss with the person next to you a recent highlight in your life
  
2. Using lambdas of  $\lambda_1 = 0.5$ ,  $\lambda_2 = 0.3$ ,  $\lambda_3 = 0.2$  and the probabilities in the table below determine using a trigram version of model interpolation the probability of the following trigrams.

(N.B. If the probability is not given in this table, assume the probability is 0).

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P(a)	0.5	P(land   a strange)	0.01
P(strange)	0.01	P(land   strange)	0.05
P(land)	0.001	P(strange   a)	0.7
P(some)	0.2	P(goose   some)	0.6
P(beautiful)	0.01	P(beautiful   some)	0.04
P(goose)	0.01		

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