

LING 520: Computational Analysis of English

Semester: FALL '16

Instructor: Sowmya Vajjala

Iowa State University, USA

1 December 2016

Class Outline

- ▶ Final project presentation by Ivana and Ziwei, and Hyunwoo
- ▶ Discussion about usage of NLP tools with learner language

Final project presentations

Discussion on usage of NLP tools with learner language

- ▶ Have a look at Discussion.pdf uploaded in this week's content folder on BlackBoard.
- ▶ It contains the non-programming questions about how existing NLP tools work with learner language, which were a part of your Assignments 3–5.
- ▶ Your task: form into teams of 2-3 people, discuss your answers, and come out with a set of observations as a team, for each of those assignments.
- ▶ Spend some time discussing, and each team should present their conclusions after some time.

Next Week (last week!) - Readings

- ▶ Case study of real-life usage of NLP for language and content teachers

Burstein et.al.,(2014). From Teacher Professional Development to the Classroom: How NLP Technology Can Enhance Teachers' Linguistic Awareness to Support Curriculum Development for English Language Learners. Journal of Educational Computing Research, 51(1): 119-144 (pdf on BlackBoard)

- ▶ Case study of usage of NLP for writing support for learners
Burstein et.al., (2016). A Left Turn: Automated Feedback & Activity Generation for Student Writers. To appear in the Proceedings of the 3rd Language Teaching, Language & Technology Workshop, co-located with Interspeech, San Francisco, CA.
(pdf on Blackboard)

Note: Two volunteers needed to present these.

Next Week - Plan

- ▶ Discussion on readings (tuesday)
- ▶ Revision and wrapping up
- ▶ Thursday: Final project presentations by Liberato, Sonca, Stephanie and any other enthusiasts.
- ▶ Reminder: Final project code and report due by 9th December
- ▶ oral exams: 9-13 December. Fix a time by sending me an email. Time required: 10-15 min. My preferred timing: 1-4 pm on any day during that week.