

# CSCI 5832

# Natural Language Processing

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Lecture 13

# Today 2/28

- Finish Grammars
  - ◆ Treebanks
- Parsing

# Grammars

- Before you can parse you need a grammar.
- So where do grammars come from?
  - ♦ Grammar Engineering
    - Lovingly hand-crafted decades-long efforts by humans to write grammars (typically in some particular grammar formalism of interest to the linguists developing the grammar).
  - ♦ TreeBanks
    - Semi-automatically generated sets of parse trees for the sentences in some corpus. Typically in a generic lowest common denominator formalism (of no particular interest to any modern linguist).