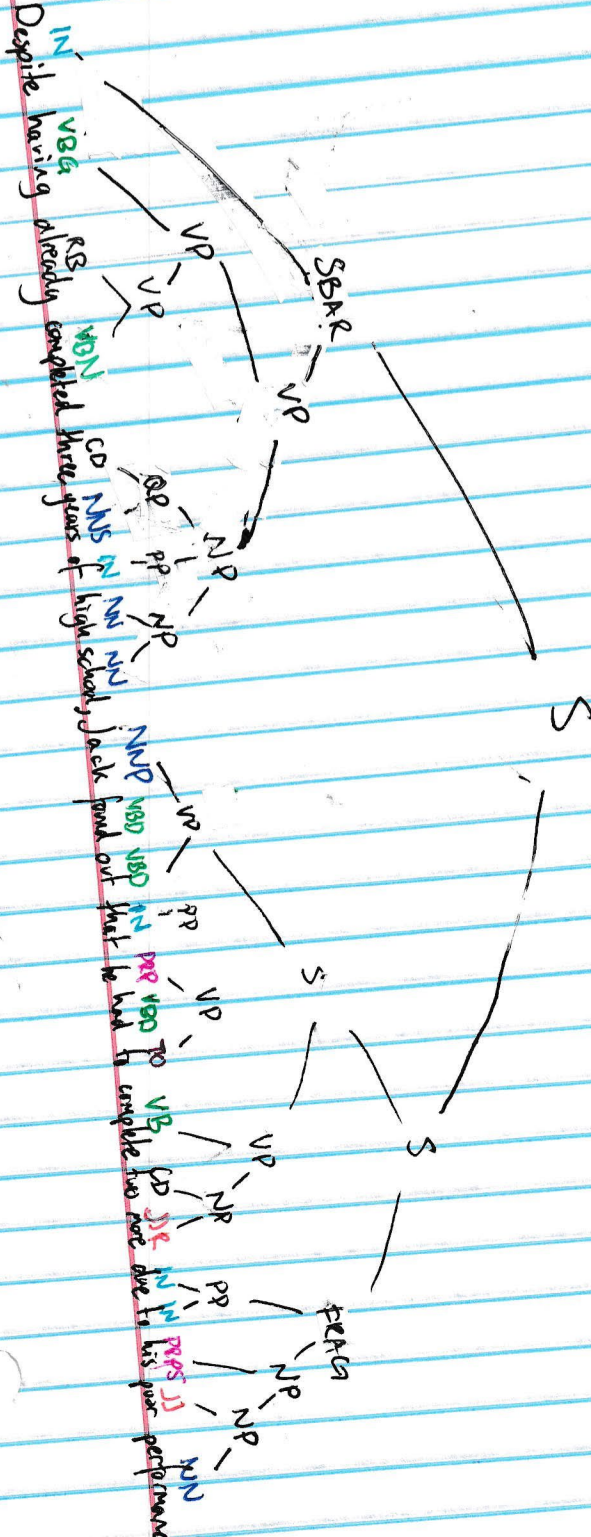


The three parse types I attempted were the phrase structure grammar (PSG) parse, dependency parse, and semantic role label (SRL) parse. The PSG parse was tedious but helped show the relationship between clauses of the sentence better than the other parses. The dependency parse helped show the place of every word in relation to its dependencies and the words that it is dependent on, which is good to explain each word of the sentence but can make it hard to follow the general organization of the sentence if only looking at the parse because words are not combined under a label. I would say the SRL parse is the least useful in terms of getting a full understanding of every part of the sentence, but it fits very well for analyzing verbs and the arguments which relate to them. Similar to the PSG parse, the SRL parse can group sections of words as arguments to verbs which helps to understand how each verb functions in the sentence.

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PSG

Despite having already completed three years of high school, Jack found out that he had to complete two more due to his poor performance.



S-sentence

PP-propositional phrase

VP-verb phrase

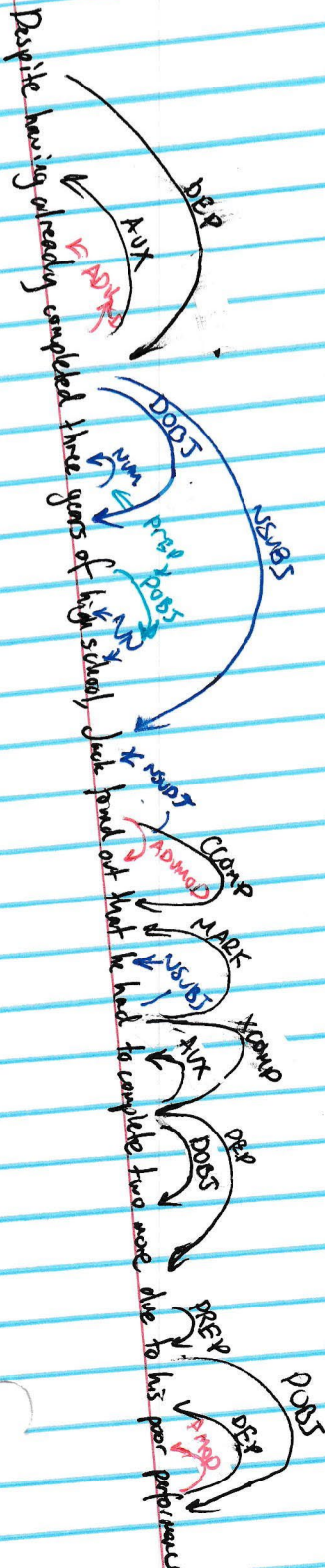
NP-noun phrase

SBAR-clause introduced by subordinating conjunction

FRAG-sentence fragment

QP-quantifier phrase

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Dependency Parse



DEP - dependency (generic)

AUX - auxiliary, non-main verb

ADMOD - adverb modifier, modifies meaning of verb

NSUBJ - nominal subject, subject of a clause

DOBJ - direct object, object of the verb

NUM - numeric modifier, modifies noun

PREP - prepositional modifier, modifies meaning

POBJ - object of a preposition

CCOMP - clausal complement ("x that y")

XCOMP - open clausal complement, ccomp w/o own subject

MARK - marker, introduces clauses, e.g. "that"

AMOD - adjectival modifier, adjective modifying an NP

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SRL Parse

Despite having already completed three years of high school, Jack found out that he had to complete two more due to his poor performance.

ARGM-TMP

ARGM-ADV

ARG1

ARG0, ARG0

ARG0

ARG1

ARG1

ARGM-TMP - temporal modifier

ARGM-ADV - adverbial modifier

ARG0 - agent of verb

ARG1 - patient of verb