**LLM PROMPTS**

CHATGPT:

* Prompt: *I have to code a recursive descent parser in Racket. If I give you the grammar for the parser, can you explain to me the steps I should take to do this? Here is the grammar:* [grammar copy and pasted]

Notes: The LLM outlined some steps that I should take and gave a very simplified code of the (parse-program) function. This just gave me an idea of where to start.

* Prompt: *What is the difference between let\* and let?*

Notes: The documentation on Racket was confusing, so this response easily let me know what the difference was (I ended up using ‘let’)

* Prompt: *What does from-success and from-failure do in the data/either library in Racket?*

Notes: This helped me understand a little more on either types.

* Prompt: *I have to code a recursive descent parser in Racket. My instructor gave us example code of a parser he made for a simplified version of the grammar we have to use for our assignment. Can you go through and explain what each line of his code does? This is the grammar:* [copy and pasted simple grammar]. *And this is his example code:* [copy and pasted example code]

Notes: This prompt really helped me understand what was happening in each line of code, because before, I was just trying to find patterns in the example code and tried to apply them to the real grammar. This helped me finish with the first completed draft of my project.

* Prompt: *I've written a program for a recursive descent parser in Racket. Can you see if there is any possible syntax or logical errors? Here is my code:* [copy and pasted first draft of project]

Notes: The response helped me with fixing a few syntactical errors, but the logical errors it “found” didn’t really make sense, and the code it gave to fix it did not make any sense to me, so I ignored them.

Overall Notes: When first trying to start the project right when the grammar was released, I relied heavily on CHATGPT to write a portion of my code, however, I did not understand any of it, and it didn’t run without errors, so I just ended up deleting everything and writing the code myself, even if my code didn’t do what was intended, it still ran without errors. I didn’t add any of those prompts to my references because they did not help me to code my project in any way.