Heqet Report

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senior project for the Yale University major in Computer Science

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1 Blah

goals, outcomes, etc

2 What I Learned

things I learned personal growth: being able to work on this project, being able to pick out priorities when it became clear that my goals were far too lofty to complete in one semester always surprised to have such productive conversations

3 Haskell

haskell: only half a dozen bugs, not counting compilation errors I used lenses, existential types, quasiquotes, parser combinators, "functional programming" ie returning functions as way to clearly capture underlying thought (Render.hs 235)

use of imports to switch languages

architecture: stages of processing (parsing has a type for each stage, rendering has one in-progress type)

4 Future Goals

additional goals: musical spreadsheet