

Review

CS 350

Dr. Joseph Eremondi

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Overview

- Functional Programming

The Story So Far

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 - Immutable variables

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 - Interpretation
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 - Substitution

Functional Programming

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 - Simplify any `if`, `cond`, `type-case` etc.

The Languages We've Built

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 - Parse turns S-expressions into AST

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 - `String` $\rightarrow_{\text{backtick}}$ `S-Exp` $\rightarrow_{\text{parse}}$ `Expr` $\rightarrow_{\text{interp}}$ `Number`

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 - Replace variable with value of concrete argument

Where we're going

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- Functions that produce functions