

# CSE114A lecture 4

Today - moving on: Haskell!

Why spend time on Haskell?

① - much of PL is about programs that operate on programs

examples:

→ Compilers, interpreters

type inference

→ Program analyzers, emulators, debuggers, fuzzers, ...

Haskell is good at this!

Example:

github.com / github / semantic

↖ code analysis tools written in Haskell!

② Haskell itself is a good example of sophisticated PL design!