

Info /cs 102



Luther

^{con}
Tychonievich
^{itch}
Tie of

A Should I stay in Info 102

B Get a feel for entire course

C Go into material

Time

most weeks : 3 hr lect + travel
 1.5 hr lab
 ~1 hr HW
 ~2 ish read/review

Quiz weeks : more studying

Flow of Topics

One thing then another

from less-abstract to more-abstract

Computing Jargon

abstract ✓ concrete

alien
parametrisation

← body element

table
river

mississippi river →

more abstract
big steps

Shower

less abstract
Small steps

wet yourself
apply soap

⋮

0 and 1

⋮

how a computer is built

do with computers

write
code

data
databases

cryptography
LLMs

answer all Qs

AI, how it grew

how to hack

History of coding languages

how to learn to code in lang X ^(R)

AI's role/threat to future

Data and SW design

how code & data affect humans

Programmable

what to do
is input

General-Purpose

can do
anything*

Digital

analog
imprecise

digital
precise

1 0 3

3 0 1

Computer ^{ing machine}