

Discussion on Improving CS Undergraduate Education

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Topics

- Increasing diversity
- Making intro accessible and complete
- Computency – computational literacy
- Teaching communication

Increasing Diversity

- Emphasizing creative solutions, practical applications
- Accessibility
- Recruitment, encouragement

Accessibility

- Hybrid lecture/lab
- Peer Tutoring, group work

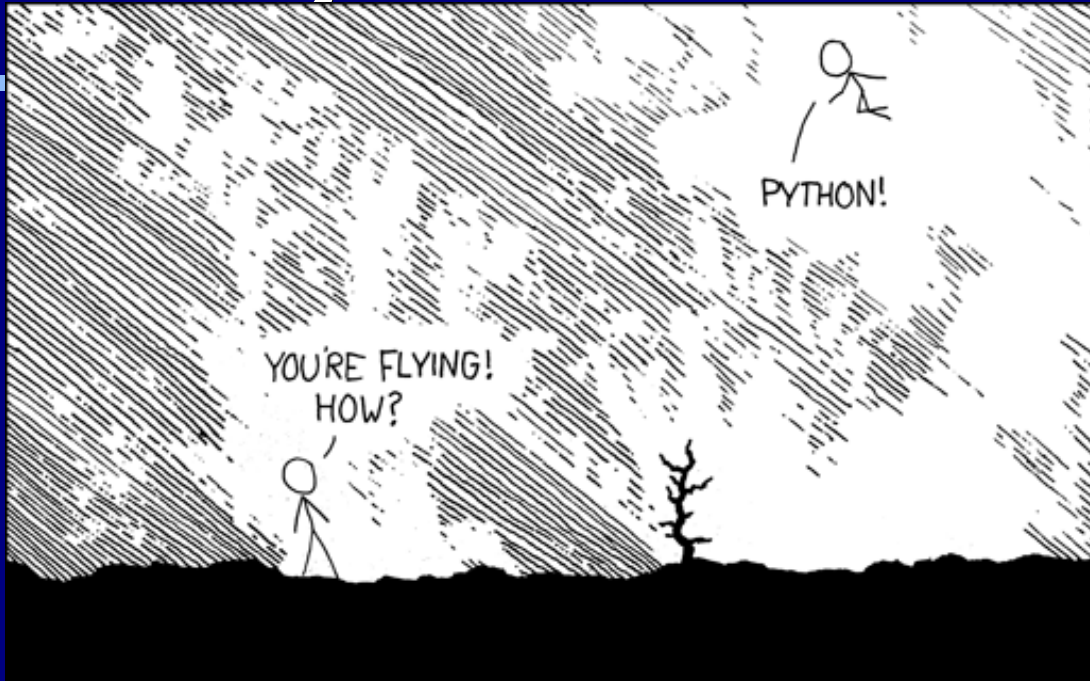
Competency

- All about motivation?
- Active Learning
- Peer Tutoring

Technical Communication

- Practice
-

Teach Python!



I LEARNED IT LAST NIGHT! EVERYTHING IS SO SIMPLE!
HELLO WORLD IS JUST
`print "Hello, world!"`

I DUNNO...
DYNAMIC TYPING?
WHITESPACE?

COME JOIN US!
PROGRAMMING IS FUN AGAIN!
IT'S A WHOLE NEW WORLD UP HERE!
BUT HOW ARE YOU FLYING?



I JUST TYPED
`import antigavity`

THAT'S IT?

... I ALSO SAMPLED EVERYTHING IN THE MEDICINE CABINET FOR COMPARISON.

BUT I THINK THIS IS THE PYTHON.

