

CMPSC 220

Programming

Languages Concepts

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Tue Thur 11:00am–12:15pm

Lab: Tue 2:30pm–4:20pm

Prerequisite: CMPSC 210
or permission of instructor



WHICH PROGRAMMING LANGUAGE SHOULD I LEARN FIRST?

WHAT IS PROGRAMMING?
Writing very specific instructions to a very dumb, yet obedient machine.

LANGUAGES

- PYTHON
- JAVA
- C
- PHP
- C++
- JAVASCRIPT
- C#
- RUBY
- OBJECTIVE-C

START

- Start with Scratch, then move on to...
- For my kids
- I don't know, just pick one for me
- Just for fun
- I'm interested
- Improve myself
- Have a brilliant idea/platform in mind?
- None. Just want to get started
- I prefer to learn things...

WHY DO YOU WANT TO LEARN PROGRAMMING?

- Get a job
- Make money
- I have a startup ideal
- Which platform/field?
- 3D/Gaming
- Mobile
- Web
- Corporate
- Start-up
- Enterprise

Which platform/field?

- Front-end (web interface)
- Web
- Back-end ("brain" behind a website)
- Mobile
- Which OS?
- IOS
- Android
- Enterprise

Do you want to try something new with huge potential, but less mature?

- YES
- NO
- Does your web app provides info in real-time, like twitter?

Do you want to get started?

- The easy way
- The best way
- The slightly harder way
- Auto or Manual car?
- Auto
- Manual
- The really hard way (but easier to pick up other languages in the future)
- I've an old & ugly toy, but I love it so much!

NOT SURE

- Do you want to try something new with huge potential, but less mature?
- NO
- Which one is your favourite toy?
- Lego
- Play-Doh