

# WHAT THE TECH?

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# TODAY'S GOAL

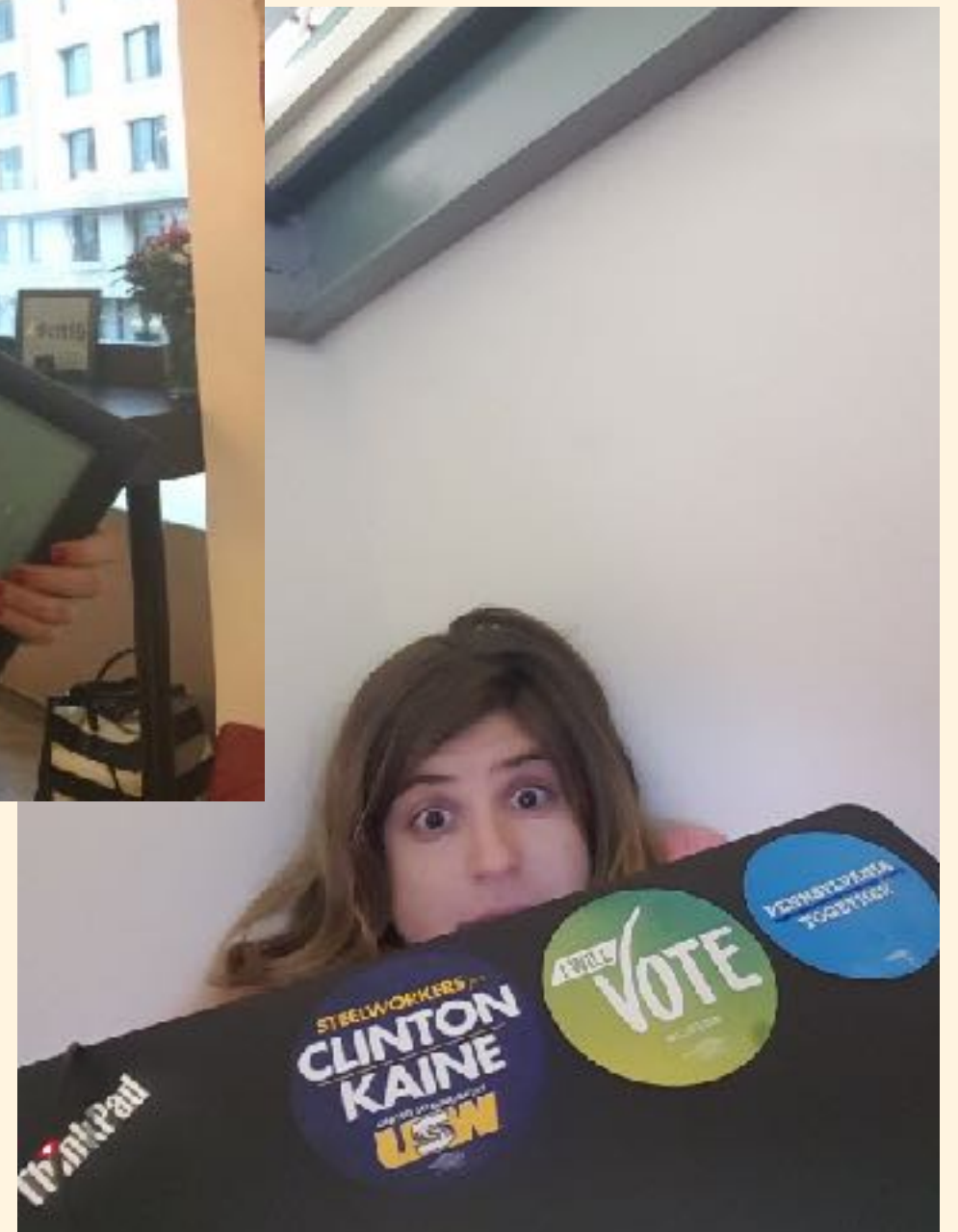


*Not You*

# WHY ME?



*Exhibit A: A Tech Professional*







***THIS IS A COMPUTER?***

**PART 1:  
YOU, THE PROGRAMMER**



COMPUTERS  
ARE DUMB

*Really!*

# SO WHY DO THEY SEEM SO SMART?

lots and lots of programmers

over

lots and lots of time

# WHAT'S A PROGRAMMER?

**A PERSON WHO WRITES  
INSTRUCTIONS FOR THE  
COMPUTER TO FOLLOW**



A PERSON WHO WRITES

INSTRUCTIONS FOR THE  
COMPUTER TO FOLLOW

*That's a program!*

**LET'S MAKE A PROGRAM!**

HTML & CSS  
PYTHON  
JAVASCRIPT  
SQL  
RUBY  
JAVA  
PHP

*Some  
popular  
programming  
languages*

# PAGE 0' JARGON

**API** *A tool for two programs or computers to easily share data*

**THE CLOUD** *Data storage and/or server that can be accessed remotely*

**GUI** *A visual way to interact with your computer (like your Desktop)*

**HACKATHON** *An event where the goal is to write code (usually with a theme)*

**REFACTOR(ING)** *Editing code to run faster or be more human-friendly*

**OPEN SOURCE** *Software that anyone can use or modify for free*





## **PART 2: BUILDING YOUR TOOL KIT**



# SO I NEED TO KNOW...ALL OF IT?



*What you need to know depends on **what** you want to do*



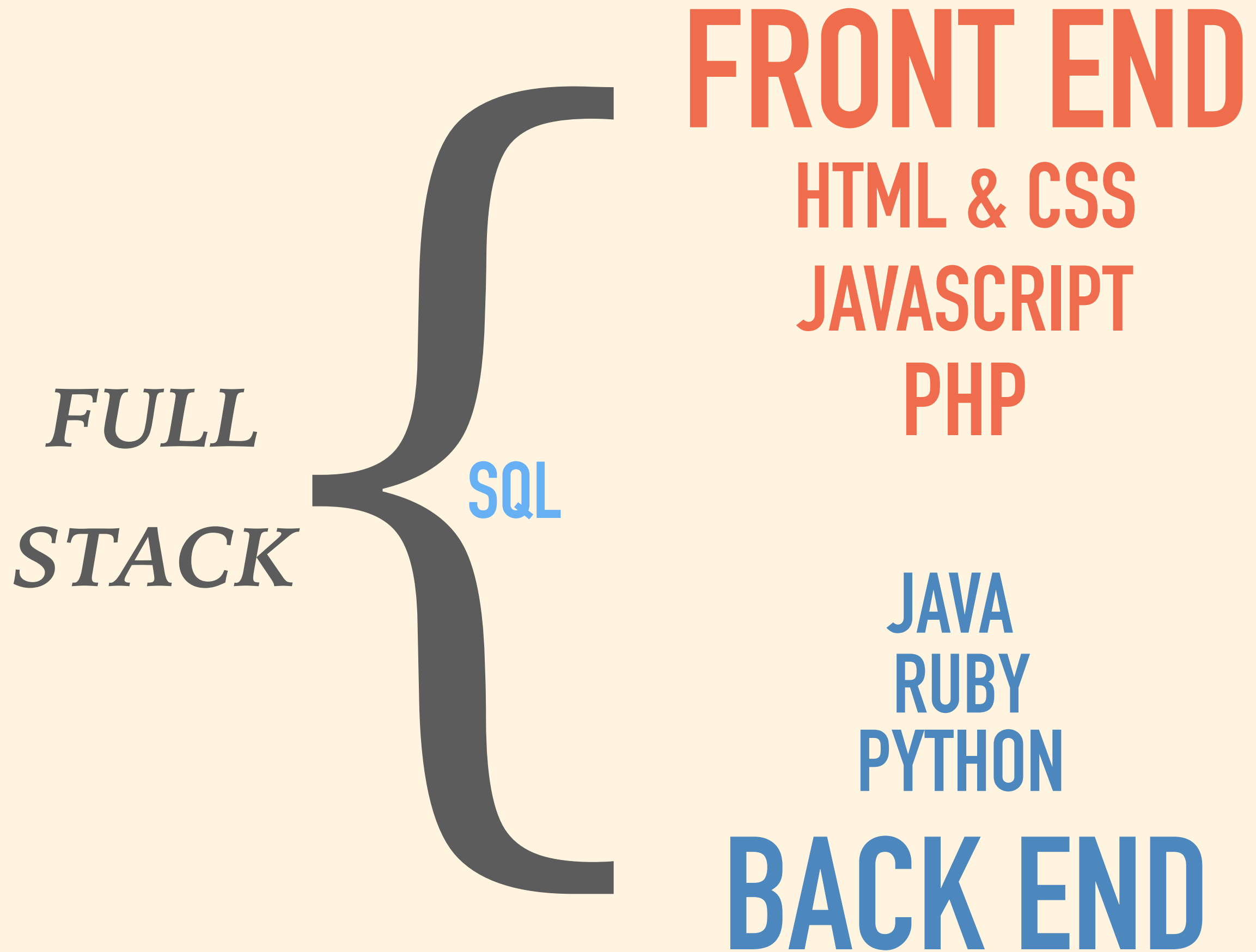
**S0000...**

**HOW DO I PICK A LANGUAGE?**

HTML & CSS  
PYTHON  
JAVASCRIPT  
SQL  
RUBY  
JAVA  
PHP

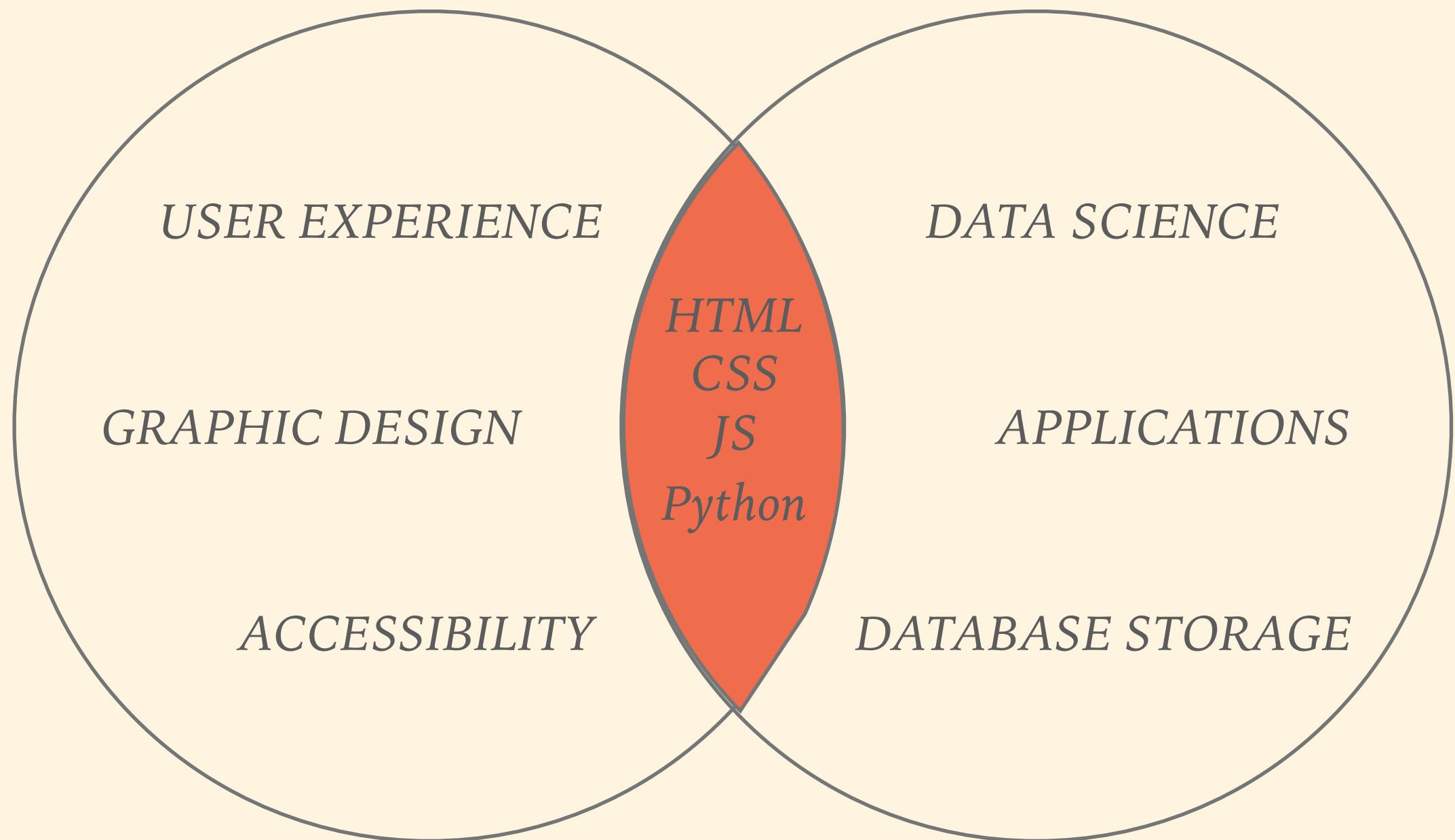
*Some  
popular  
programming  
languages*





# WEB SITES

# CODING



# GIT

```
$ git checkout -b alsa-audio (1)
$ edit/compile/test
$ git checkout -- curses/ux_audio_oss.c (2)
$ git add curses/ux_audio_alsa.c (3)
$ edit/compile/test
$ git diff HEAD (4)
$ git commit -a -s (5)
$ edit/compile/test
$ git diff HEAD^ (6)
$ git commit -a --amend (7)
$ git checkout master (8)
$ git merge alsa-audio (9)
$ git log --since='3 days ago' (10)
```

*Software that allows for*  
**VERSION CONTROL**

# GITHUB



*A website that uses git to make  
software*

**OPEN SOURCE**



# “SPEAK PROGRAMMER”



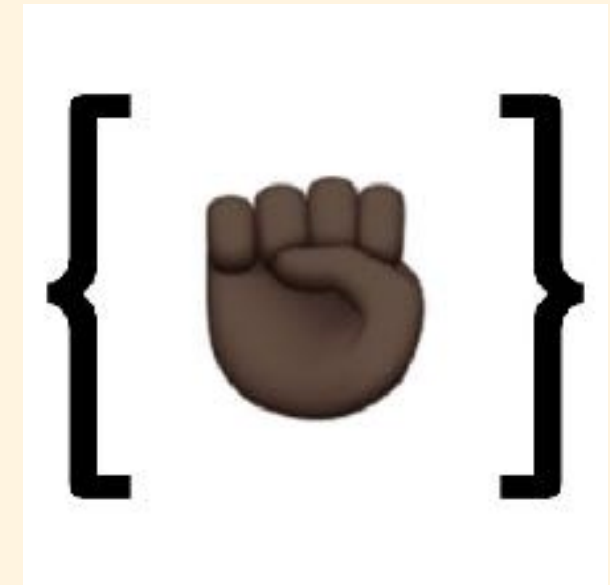
- *Translate jargon*
- *Draw diagrams*
- *Be specific*
- *Google is your best friend*
- *Think systems, not specifics*





## PART 3: WHERE DO I SIGN UP?





FREE. LOCAL. FUN!



# A WORD ABOUT BOOTCAMP

*(really, just an emoji)*





# LENNY

The key question any company wants answered is: How can you help me get this job done well? You have to take a step back and say, "What is it that I'm bringing to the table?" Now, you don't want to be in print-media sales, but every single organization has to sell. Selling is an art and a science — it's not easy. You could go in and say, "Hey, I want to get into this new industry. Let me bring my sales understanding to the table to help your business thrive." You could start on a project basis and make a little bit of money, show your value, see if you like them.

It's so important to tell your story across your network. I did this myself. I was 30 when I made the transition from banker into a work-life-flexibility consultant. I looked at my background and I tried to see how I could add value to the two organizations in the whole country that were doing this work at that time. I was able to show one of these entities that I could help them with a client they'd just taken on, which was a bank. So they took a chance on me; they let me have an internship. If you're willing to say, "Look, I'll start from the beginning. I will take a pay cut," that gives them wiggle room to say, "All right, we'll take a chance on you."



# FEELING GOOD?



*You, a new tech expert*



# QUESTIONS?