

WHAT THE TECH?

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October 13, 2017

TODAY'S GOAL



Not You

WHY ME?

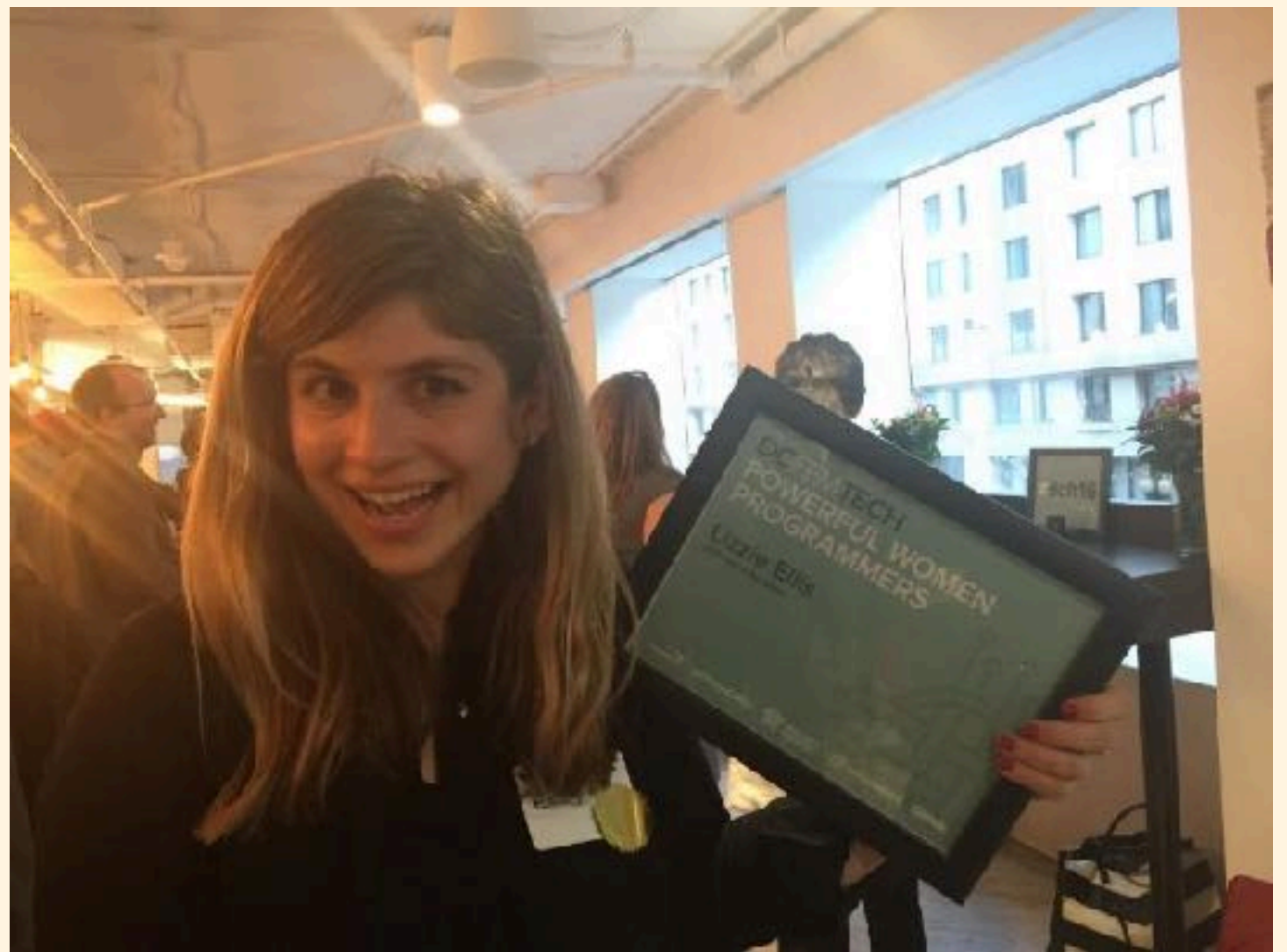


Fig. 1: A Tech Professional



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

*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*



PART 2: BUILDING YOUR TOOL KIT

S0000...

HOW DO I PICK A LANGUAGE?

HTML & CSS
PYTHON
JAVASCRIPT
SQL
RUBY
JAVA

*Some
popular
programming
languages*

*FULL
STACK*

FRONT END

HTML & CSS

JAVASCRIPT

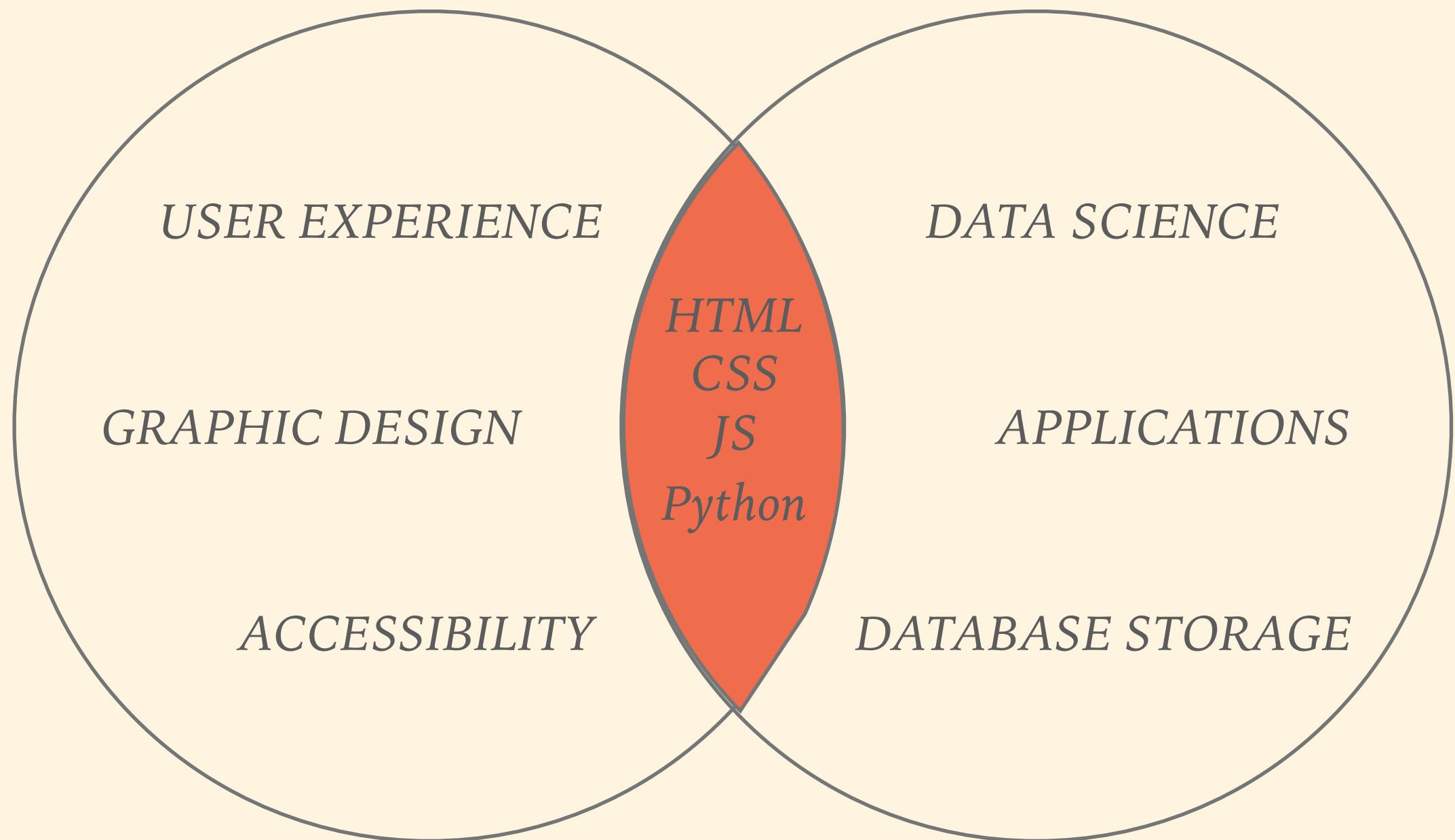
**JAVA
RUBY
PYTHON**

BACK END

SQL

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”

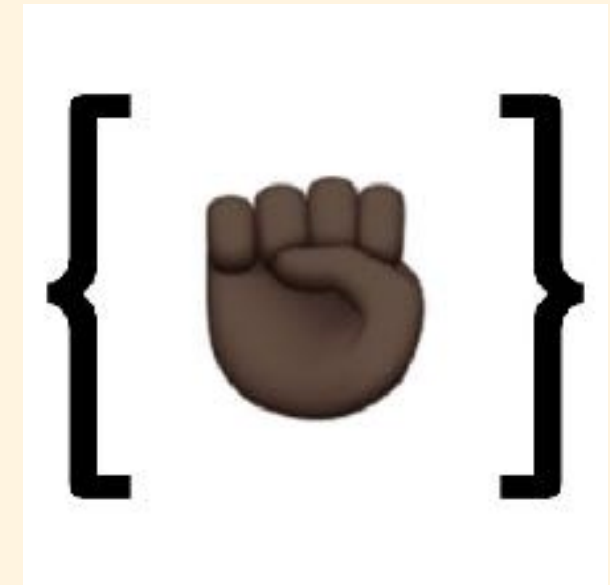


- *Translate jargon*
- *Draw diagrams*
- *Be specific*
- *Google is your best friend*
- *Think systems, not specifics*



PART 3: WHERE DO I SIGN UP?





FREE. LOCAL. FUN!



A WORD ABOUT BOOTCAMPS

(really, just an emoji)

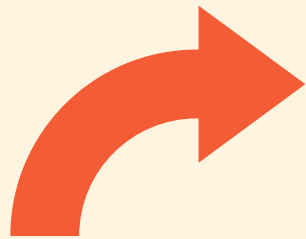


LENNY

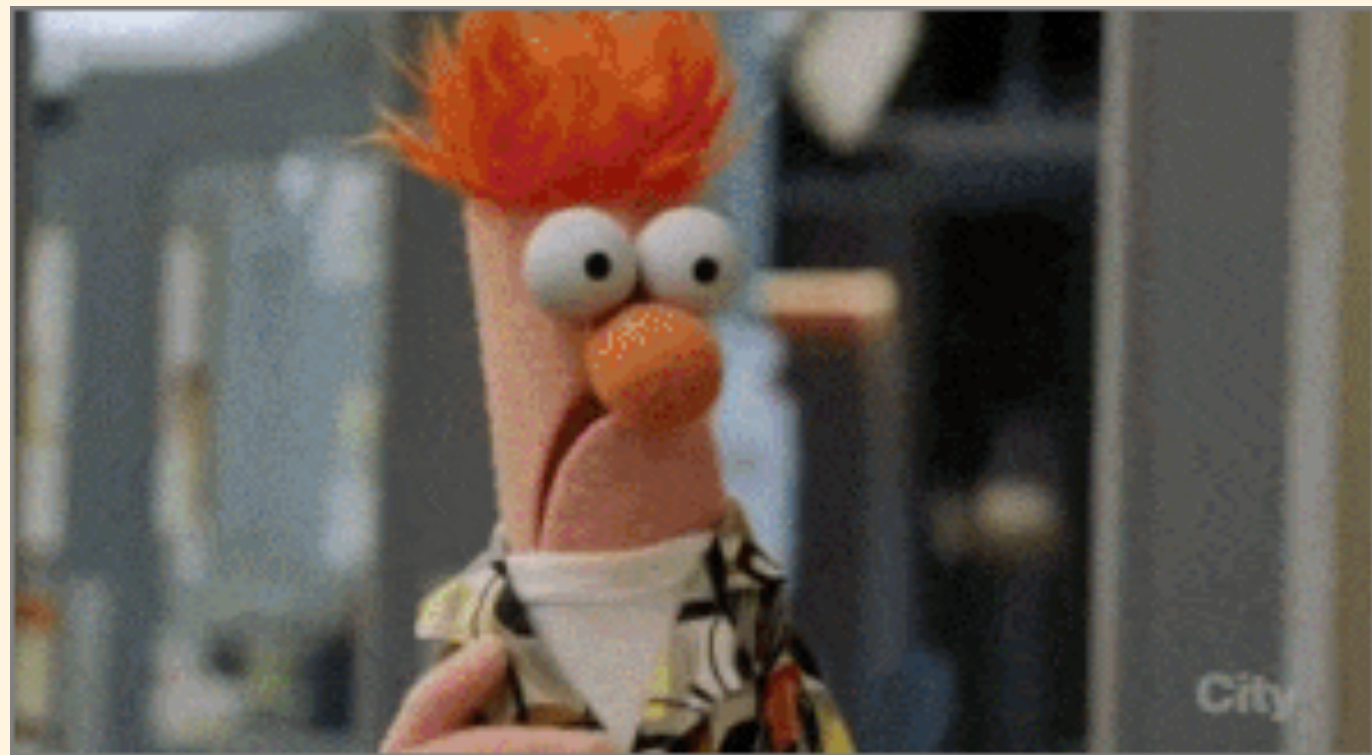
The key question any company wants answered is: How can you help me get this job done well? You have to take a step back and say, "What is it that I'm bringing to the table?" Now, you don't want to be in print-media sales, but every single organization has to sell. Selling is an art and a science — it's 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?