Ask Questions @
slido.com

#CSCI1000

hello world

# i’m Ben

- blimmer
- l1m5
- hello@benlimmer.com

# cu life

- Grad ’11
- Startups2Students (are you going 10/23 ??)
- CSUAC (a.k.a. Innovate CU)
- Internships (more to come…)

# ReadyTalk

- Varied tech stack
- Java thick-client
- ActionScript (flash - yuck)
- (old) web tech

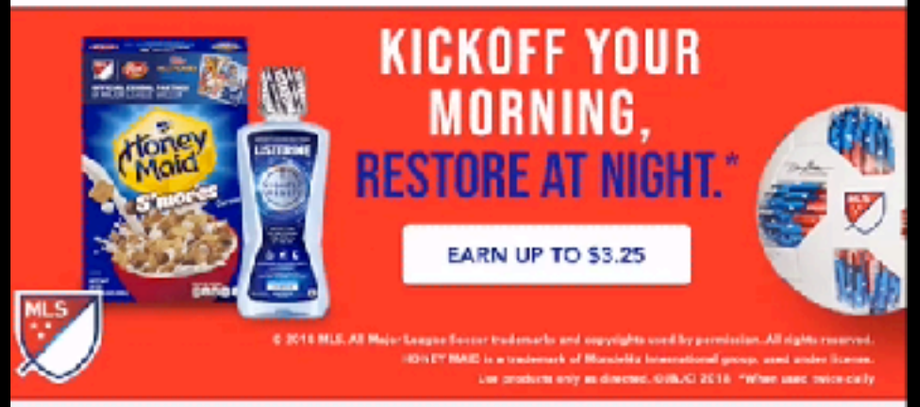
# ibotta

- Growth-Stage Startup
- Front-End (SPAs)
- Back-End (Ruby, Node, Java)
- DevOps + Orchestration (Kubernetes)
- AWS Cloud-Native

13:32

ibotta

Search retailers & offers




RECOMMENDED RETAILERS

King Soop... Drizly DoorDash Overstock Ama

EARN EXTRA CASH!

$0.25 Additional Cash Back

Fueled by Pepsi-Cola®

Now you can earn cash back at the pump!

$1.0 C

Ibotta's B

Earn $1 each d Mobile Shoppi that's up to $6

Home Find Offers Redeem My Offers Account

i write code.

i also hire people who write code.

so, you want a job after school?

or

GUILD

PaySimple

SendGrid

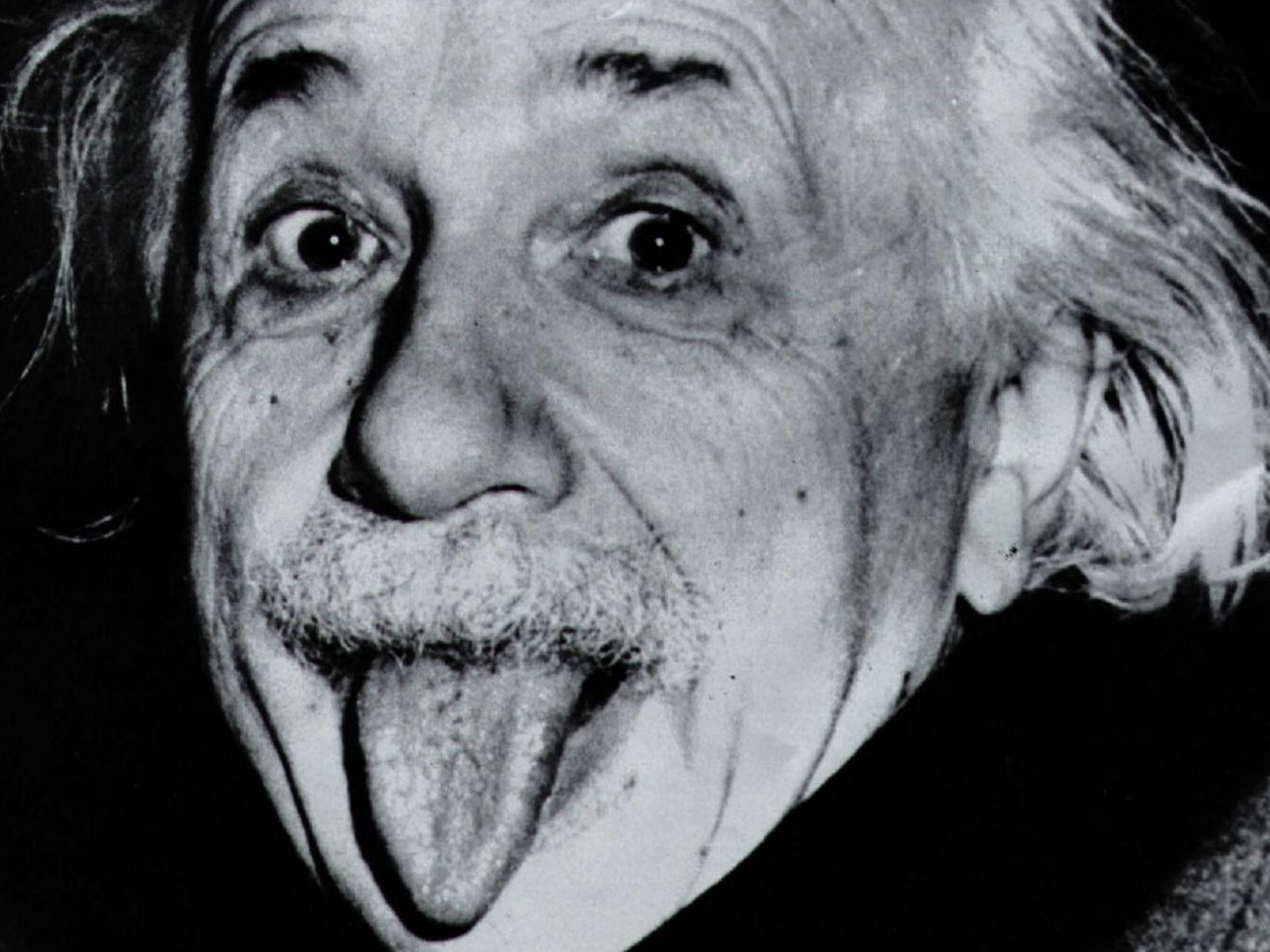
REACTIVE OPS

GoSpotCheck

STRAVA

rachio

we all want the same thing.

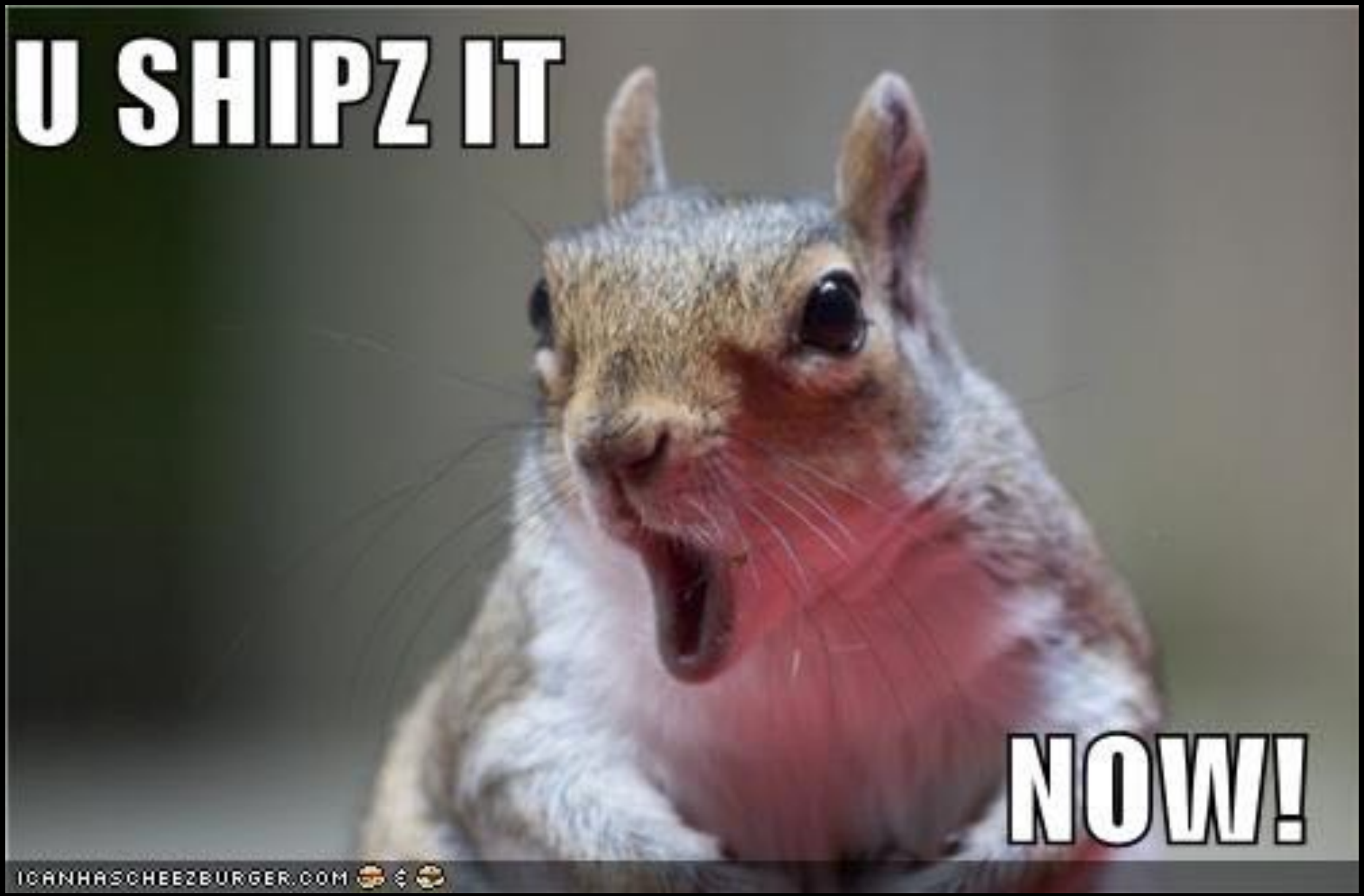


# We Can Do It!

because we all need

the same thing.

ship it!
NATIONAL GEOGRAPHIC
Photograph by Melissa Brandts, Your Shot
© COPYRIGHT NATIONAL GEOGRAPHIC SOCIETY. ALL RIGHTS RESERVED.


U SHIPZ IT
NOW!
ICANHASCHEEZBURGER.COM

# `smart && !getThingsDone`

- Impractical
- Prefer to think about solving, rather than solve
- Fast-paced companies don’t mix with this person

# `getThingsDone && !smart`

- Liability
- “WTF” code
- Who can clean up the mess?

how do I become

smart && getThingsDone?

# how to be valuable in the market

- Master the Basics
- Get Experience
- Market Yourself

mastering the basics

# mastering the basics

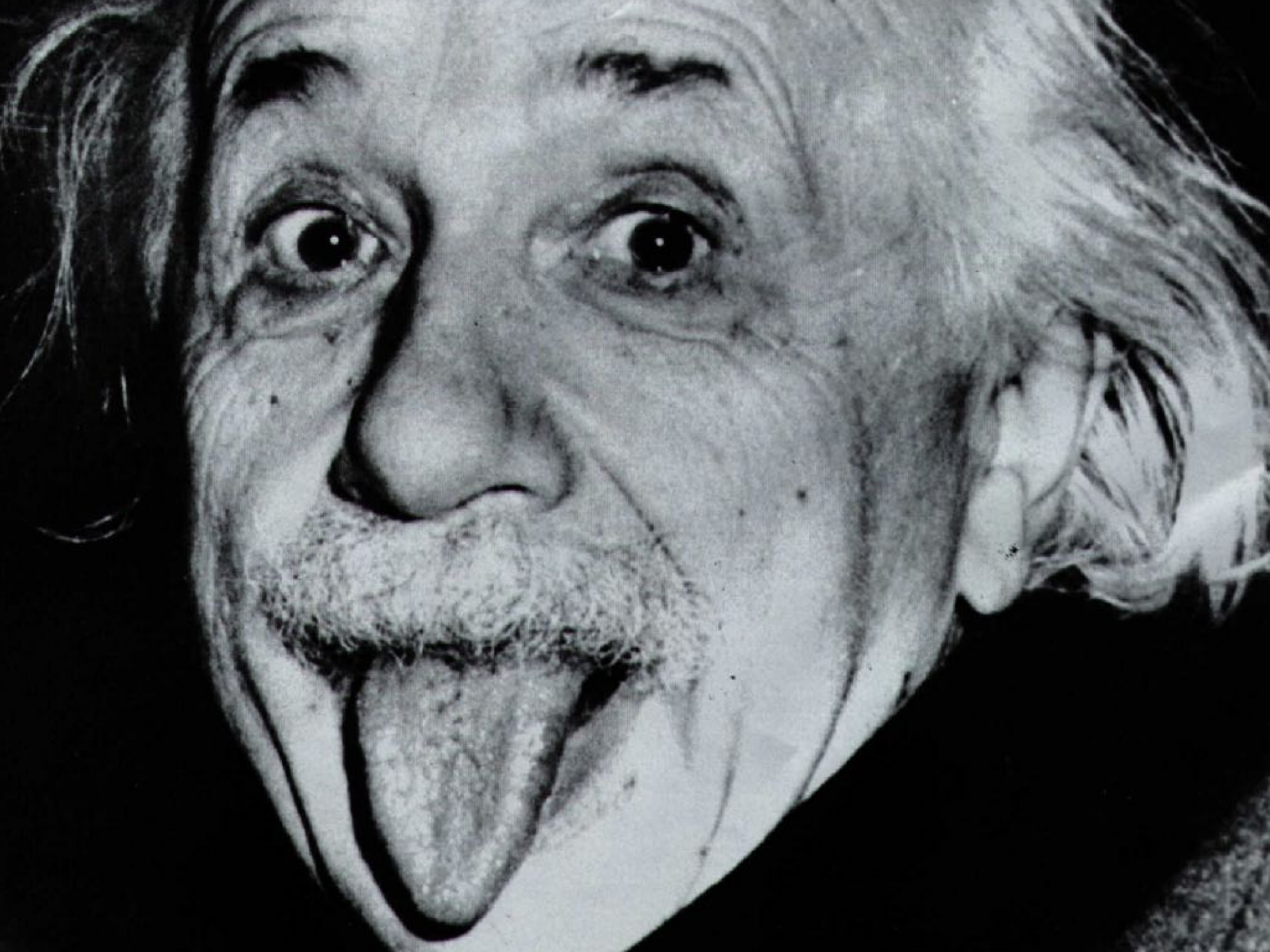
- data structures
- object-oriented design
- algorithms
- databases
- scm
- automated testing
- “learning how to learn” - PoPL

# how to be valuable in the market

- ~~Master the Basics~~
- Get Experience
- Market Yourself

no, really. get experience.

remember what
employers want?



# We Can Do It!

therefore…

**employers look for people who have already done things**

and…

**you can't get a job doing something you haven't done before**

credit: joel spolsky

“The best way [to be a programmer] is to write programs, and to study great programs that other people have written.”

*– Bill Gates*

so how do I do it?

# internships

- startups2students **
- Jobs Mailing List
- Meetups

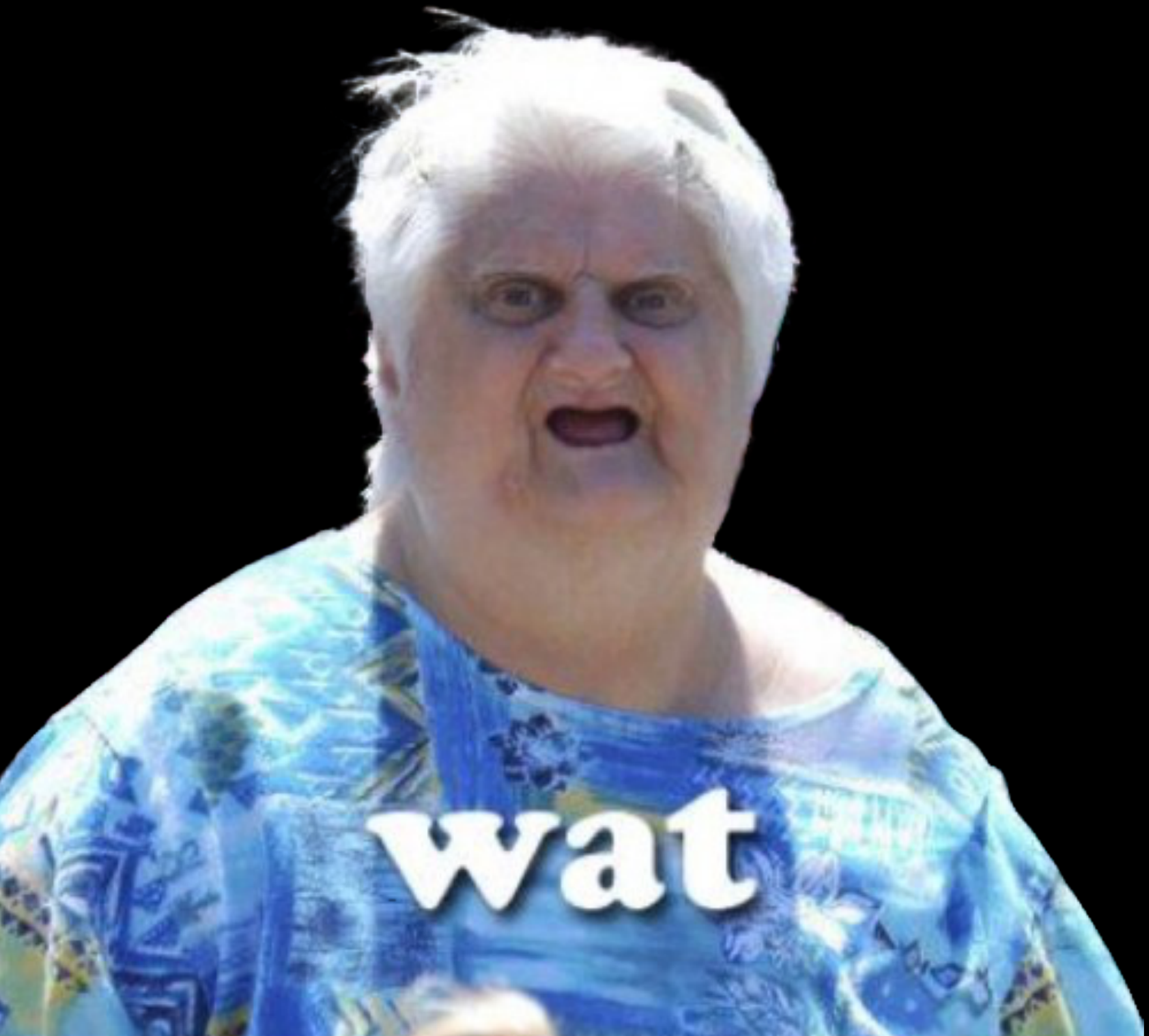
it’s not too early

my first internship

FREE SOFTWARE
FOUNDATION

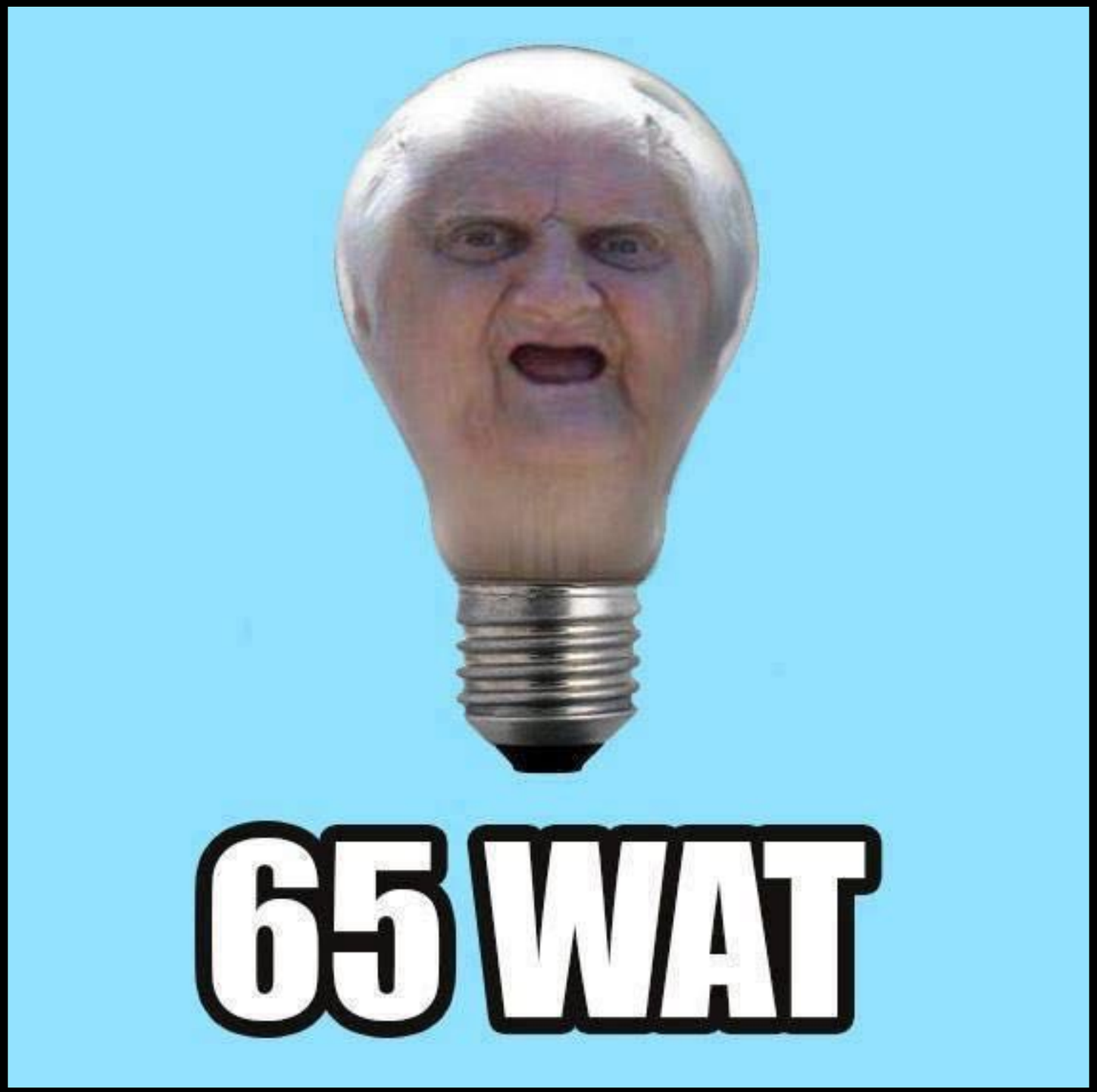
“Just come in and start writing failing tests that conform to the Flash Player documentation.”

*–Rob Savoye*


wat

"…then start implementing those methods. I was thinking you could start with the Camera API. You could start with the FFMpeg or GStreamer implementation, whichever you're more familiar with."

*–Rob Savoye*


65 WAT

DEEP END

it was hard, but it all came together

# open source projects

- Find something interesting to you
- Look for “good for new contributors” labels
- Read lots of code
- Fix the Docs!

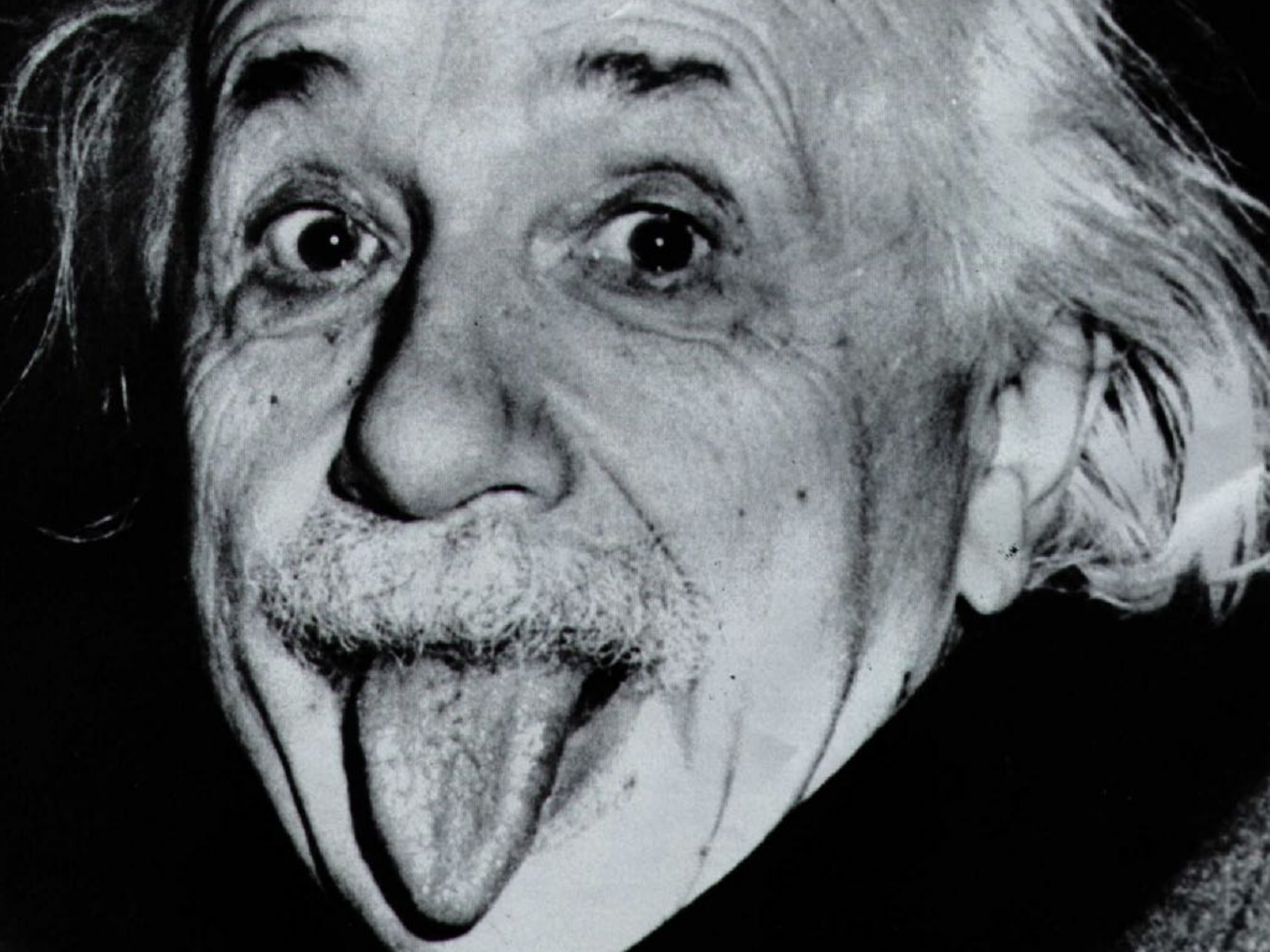
# network with professors

- A huge benefit of uni vs. bootcamp
- Alum connections
- Research projects

# how to be valuable in the market

- ~~Master the Basics~~
- ~~Get Experience~~
- Market Yourself

it’s not too early



# We Can Do It!

therefore…

**employers look for people who have already done things**

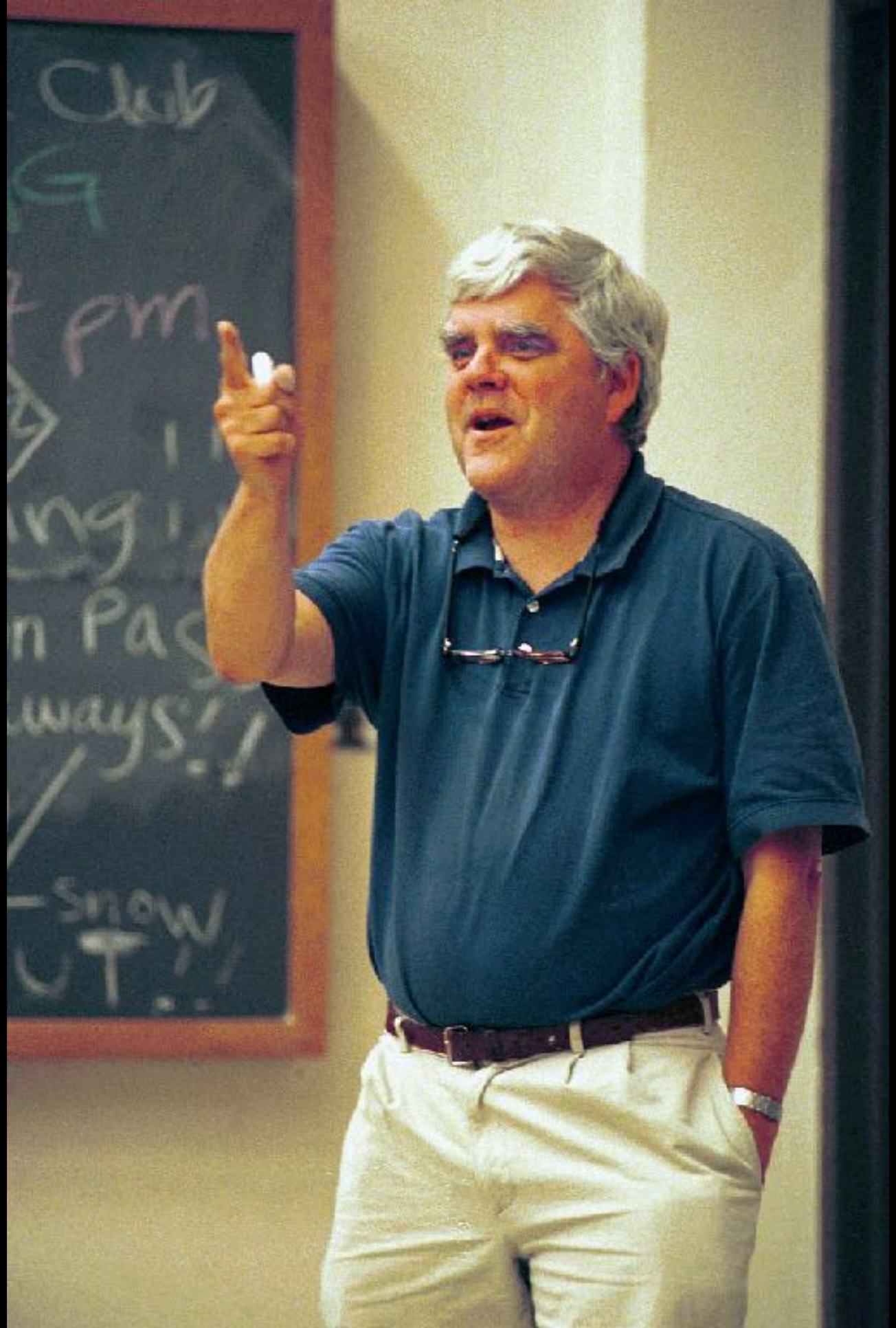
and…

**you can't get a job doing something you haven't done before**

so…

**employers Google your name to see what you've said and done**

credit: joel spolsky


Club
pm
ing
n Pas
ways!!
snow
UT!!

# have an online presence

- Github
- LinkedIn
- Twitter

# your very own website

- learn a new framework
- rewrite
- open source
- running portfolio/resume

Benjamin Limmer
HOME
ABOUT ME
EDUCATION
COMPUTER SCIENCE
CU BOULDER
HCCPD Final Writeup
May 2, 2011 – 4:30 pm
It's finally here! Today I'm officially done with college. My last requirement is to post my portfolio page which describes the work I've done in my Human Centered Computing Professional Development (HCCPD) over the past semester. I honestly believe that this class is one of the most beneficially project classes you can take in the read more »
Edit | Comment (0)
CU BOULDER
Distinguished Senior Awards Banquet
April 30, 2011 – 2:30 pm
Last night I was presented with the award for distinguished senior graduate in Computer Science. It was an awesome event where I got to network with other outstanding graduates from the CU College of Engineering and lots of alumni from the College of Engineering. Here's a picture of me with Xiao-Chuan Cai, the chair of read more »
Edit | Comment (1)
COMPUTER SCIENCE
CU BOULDER
Senior Project: DONE!
Let's get social!
git
Search
Search

31 AUG

# Squash your Commits

Over the past few weeks, I've had a ton more keyboard time working in our large Java codebase. It has been great having more time to focus on software development, but it's quite a change heading back over to a non-greenfield project in a more "heavyweight" language like Java.

Keep Reading...

LET'S CONNECT!

## Recent Blog Posts

15 Jun 2018 » Fixing Sennheiser Wireless HD1 "Call Ended" Voice Prompt when Using Zoom

04 Jun 2018 » Building a Scaleable Protocol Buffers/gRPC Artifact Pipeline

27 May 2018 » Encouraging Development Best Practices with Gamification

03 Aug 2017 » Understanding Github PR Merge Options

23 Apr 2017 » Creating a macOS Sierra 10.12.4 VirtualBox Guest

05 Feb 2017 » Upgrading Ember Apps

06 Dec 2016 » Ember + Travis CI Broken Builds

19 Aug 2016 » Ember Composable Helpers and Ember Wormhole

13 Aug 2016 » Using TTF fonts with PhantomJS on Ubuntu

21 May 2016 » Building Realtime Apps with EmberJS and WebSockets - GEMConf May Talk

More...

Ben Limmer
Software Developer in Denver, Colorado, USA
hello@benlimmer.com

github.com/blimmer
twitter.com/lim5
google.com/+BenLimmer

have an IRL presence

techstars

sovrn

FOUNDRY GROUP

surveygizmo

RALLY SOFTWARE

TENDRIL

LogRhythm
The Security Intelligence Company

Colorado
Entrepreneurial by Nature

HYATT
Sheraton
JW MARRIOTT

GUILD

PaySimple

SendGrid

REACTIVE OPS

GoSpotCheck

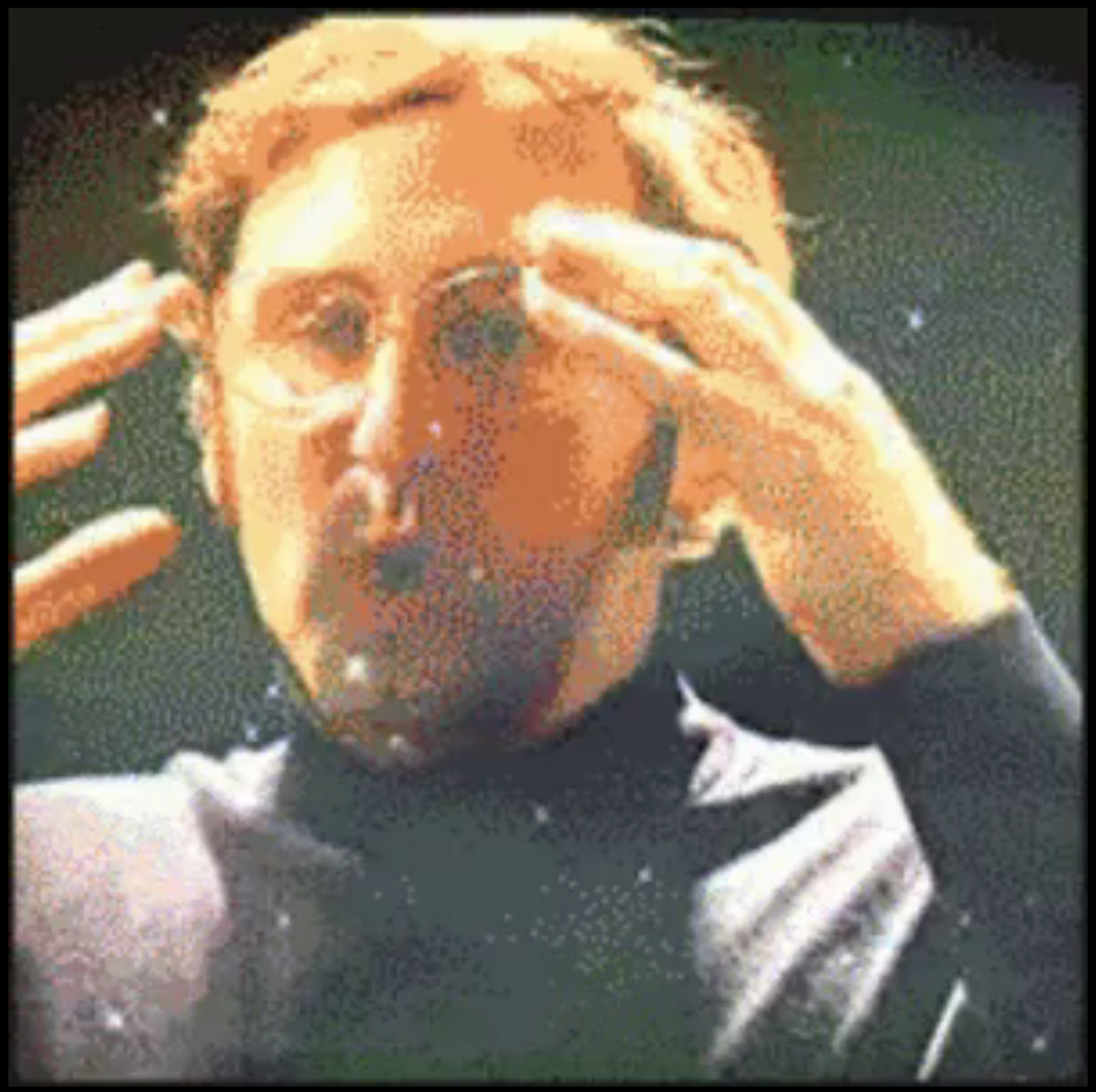
STRAVA

rachio

# have an IRL presence

- Meetups
- Startup Week (Denver/Boulder)
- Professors

that’s how to be valuable in the market



# what you can do now

# scm

- Setup a github or bitbucket private repo for schoolwork
- Use scm for all your schoolwork
- It's a skill you **need** to know to get a job

# get involved at cu

- prestige of cu vs. bootcamp programs
- get to know your CS professors
- get to know your peers
- start or join a CS club

# get involved outside cu

- meetups
- hackathons
- startup events
- open source projects

# start searching for an internship

- Find a company in Denver/Boulder/elsewhere that interests you
- Go to startups2students
- Beware imposter syndrome

# set a(n attainable) goal

make a goal to … by the end of the 2018/19 year:

- have *n* public commits on Github
- go to a tech meetup in Denver/Boulder
- get to know one of your CS professors well
- make a personal website
- start or join a CS club
- get a summer internship

# Thanks!


blimmer
l1m5
hello@benlimmer.com

slides available at

https://bit.do/cu2018

try Ibotta today!

https://bit.do/tryibotta

# resources (jobs)

- CS Jobs Mailing List (http://www.colorado.edu/cs/job-opportunities/jobs-mailing-list)

- Guerilla guide to interviewing (http://www.joelonsoftware.com/articles/GuerrillaInterviewing3.html)

- Cracking the Coding Interview (http://www.amazon.com/Cracking-Coding-Interview-Programming-Questions/dp/098478280X)

# resources (open source)

- Fix the Docs! (http://www.docsdoctor.org/ , http://www.codetriage.com/)
- GitHub Contributing to Open Source (https://guides.github.com/activities/contributing-to-open-source/)
- Explore Github (https://github.com/explore)

# resources (scm)

- Try git (https://try.github.io/levels/1/challenges/1)
- Learn bitbucket (https://confluence.atlassian.com/display/BITBUCKET/Bitbucket+101)

# resources (community)

- Denver Startup Week (http://www.denverstartupweek.org/)
- Boulder Startup Week (http://boulderstartupweek.com/)
- Meetups (http://meetup.com)
- Boulder Open Coffee Club (https://www.facebook.com/BoulderOpenCoffeeClub)

# resources (free stuff)

- Free Stuff for Students (https://education.github.com/pack)

# resources (news)

- HackerNews (http://news.ycombinator.com)
- Lobsters (https://lobste.rs/)
- Designer News (https://www.designernews.co/)