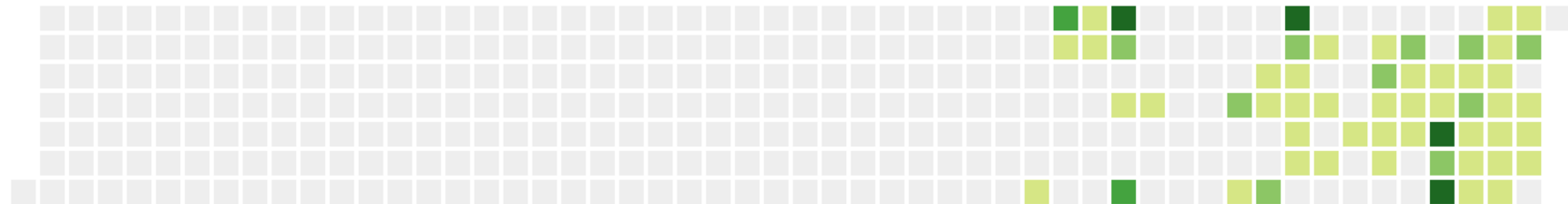


Reflections From **52 WEEKS, 52 PROJECTS**

Jefferson Lam
May 11th, 2015



2014

2015



2014

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

What do I want to do in 2015?

I want to continue to hone my skills in development. I'm gonna make it a New Years Resolution to develop a small project every week, and post it online every week, Saturday at ^{or before} noon. It can be big, or small. It needs to be something meaningful that challenges me and shows ~~off~~ my skills.

I want to re-channel that same discipline, drive, and energy that I had last year, when I pushed myself

What do I want to do in 2015?

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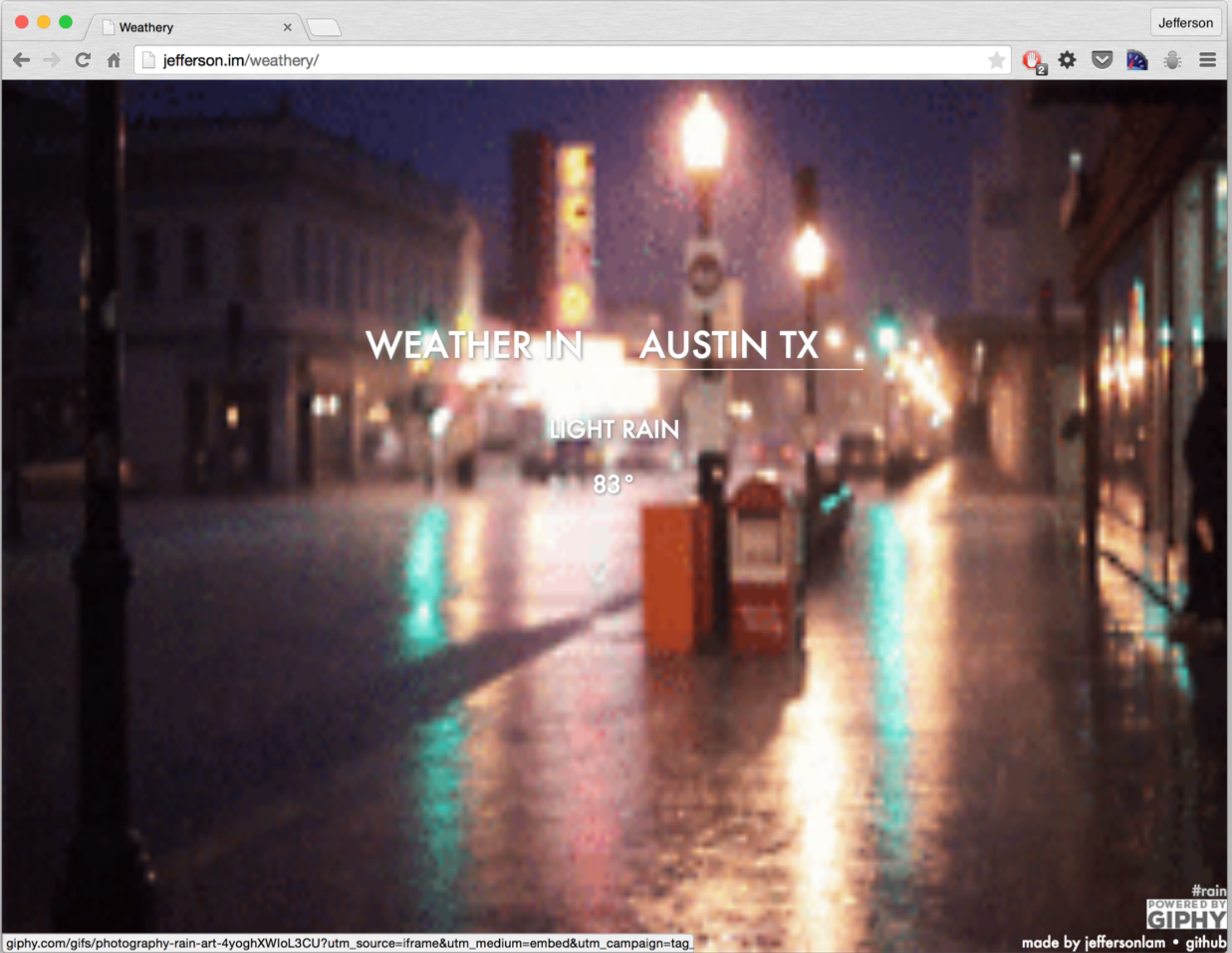
THE GOAL:
52 PROJECTS IN 2015



1

Weathery

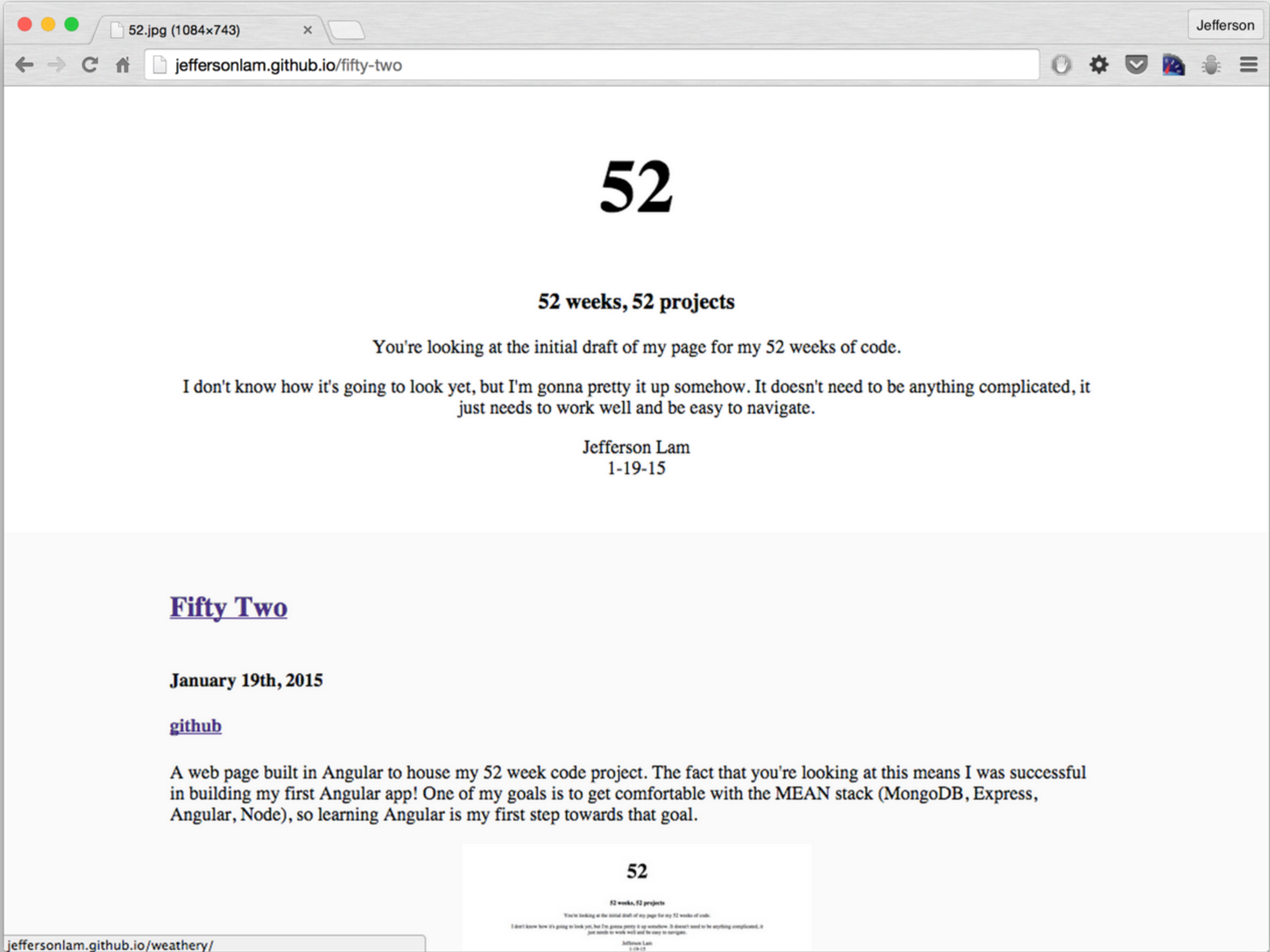
January 11th



2

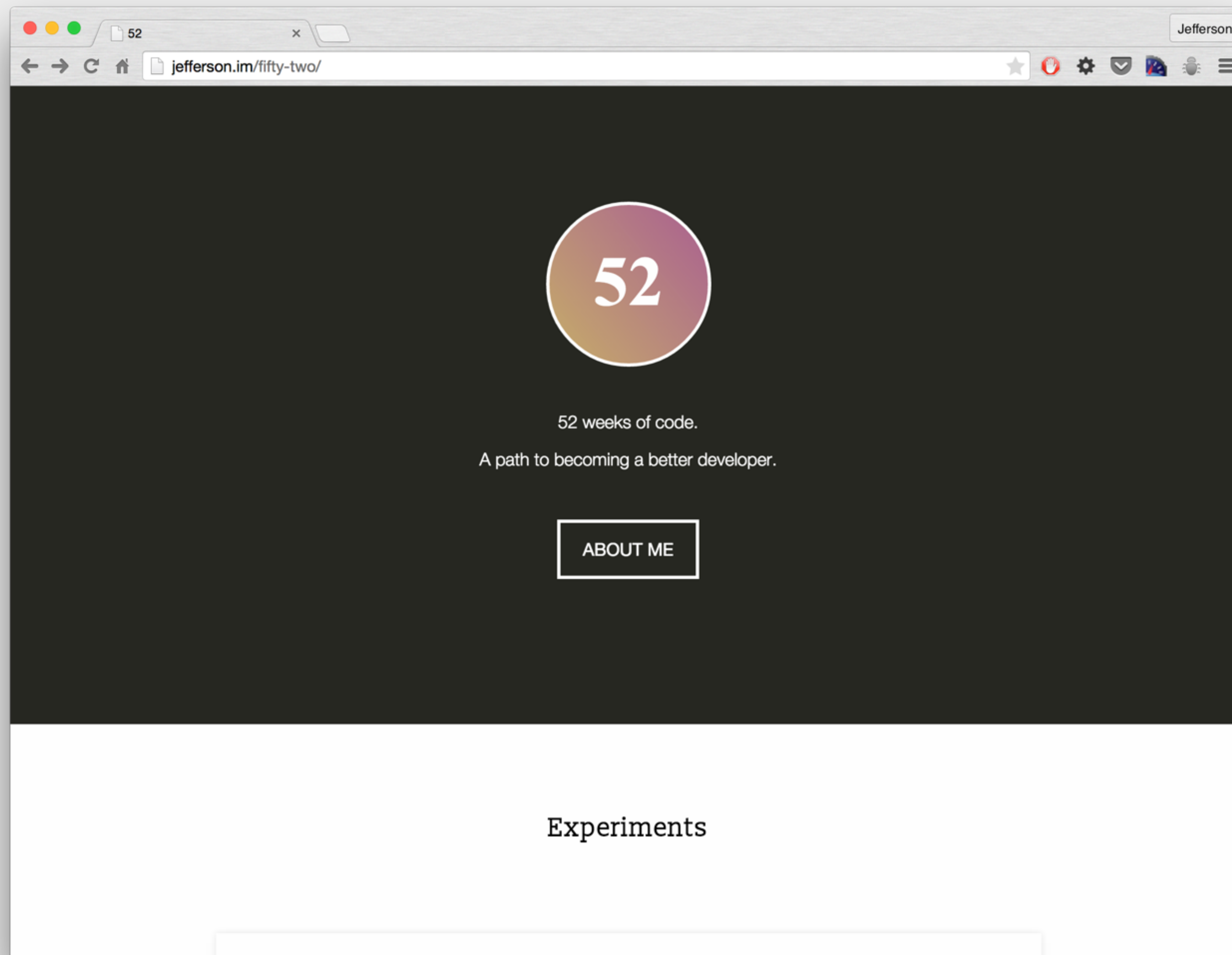
52

January 19th



2

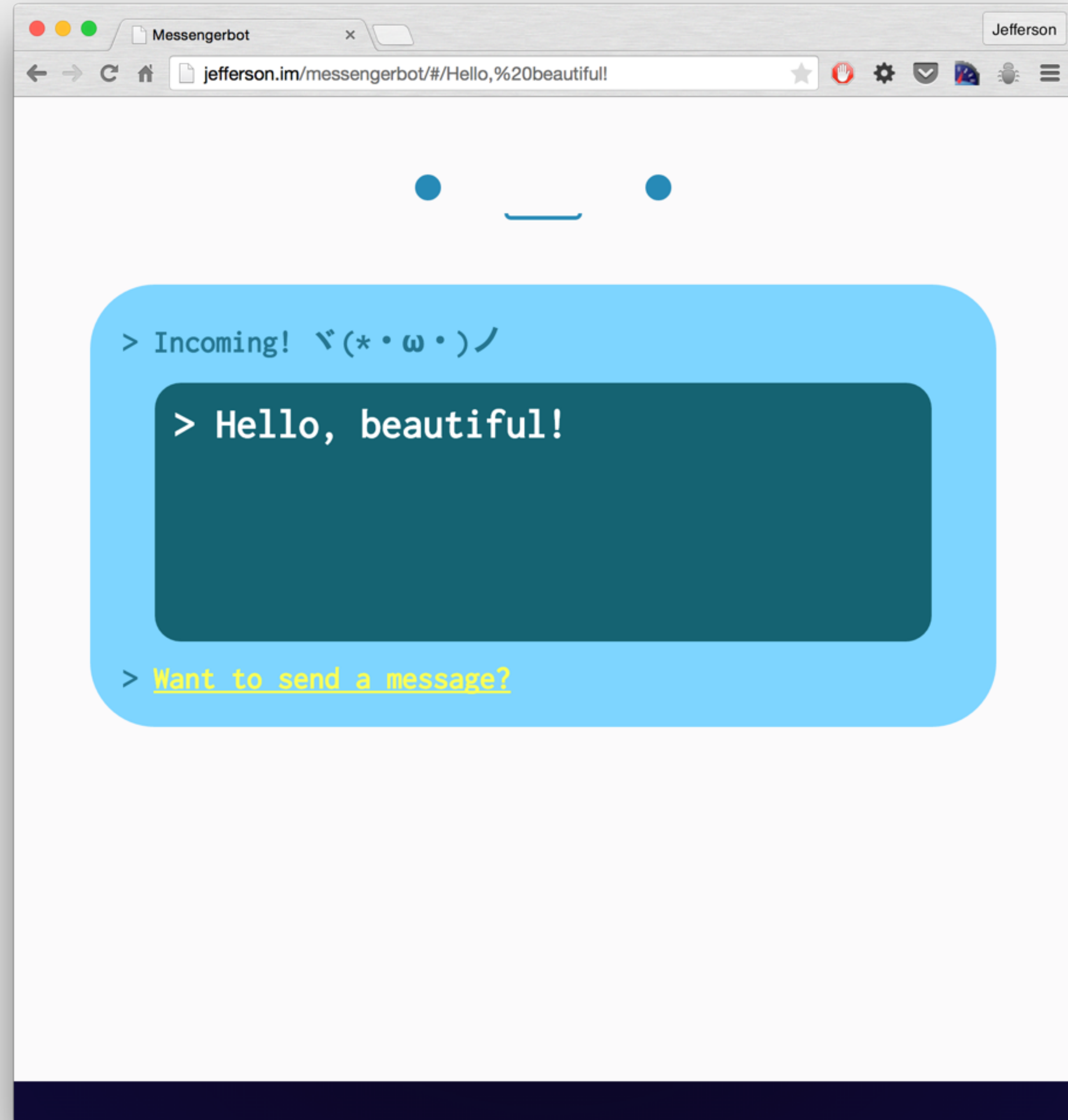
52
January 19th



3

Messengerbot

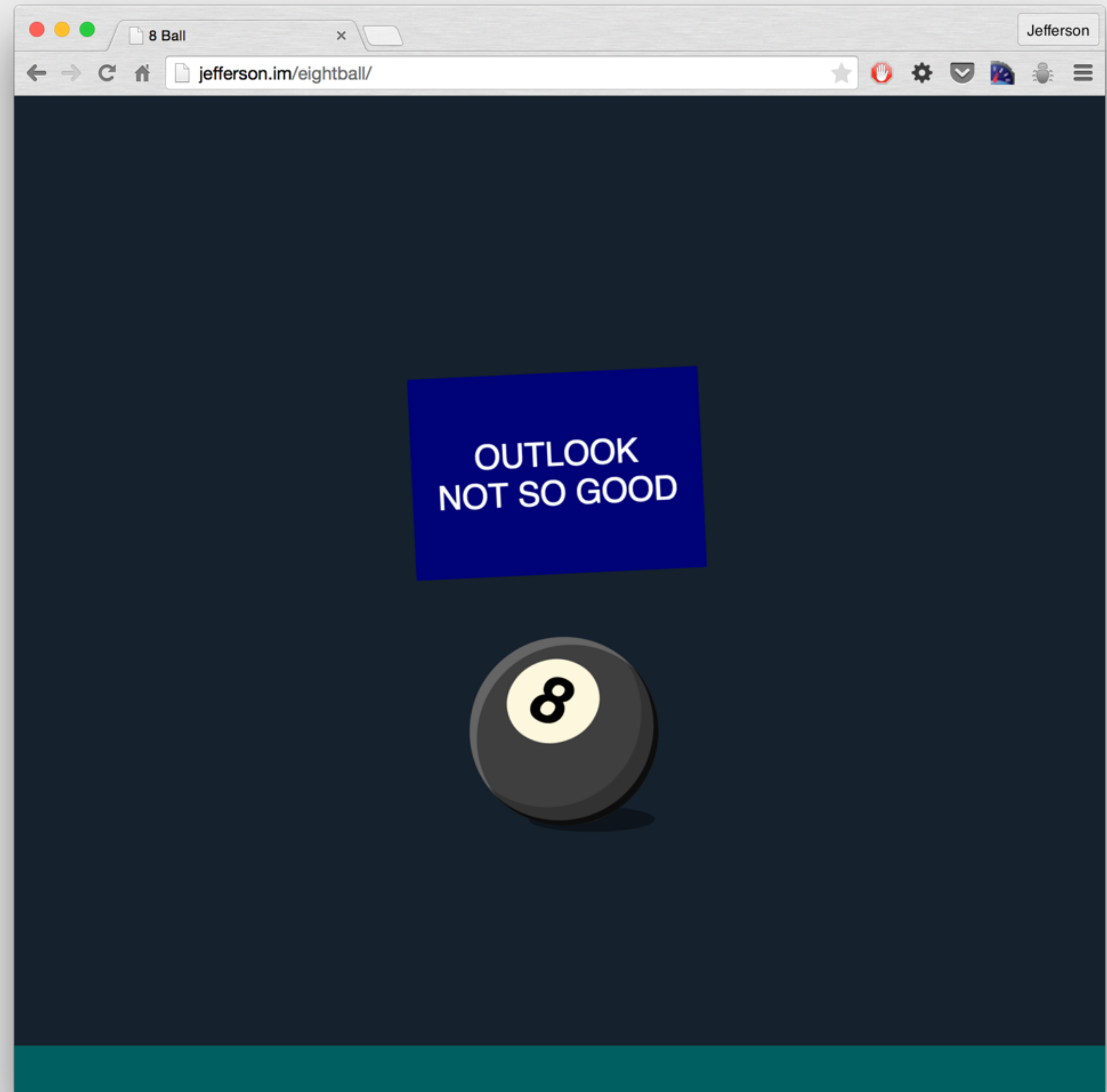
January 25th



4

Eightball

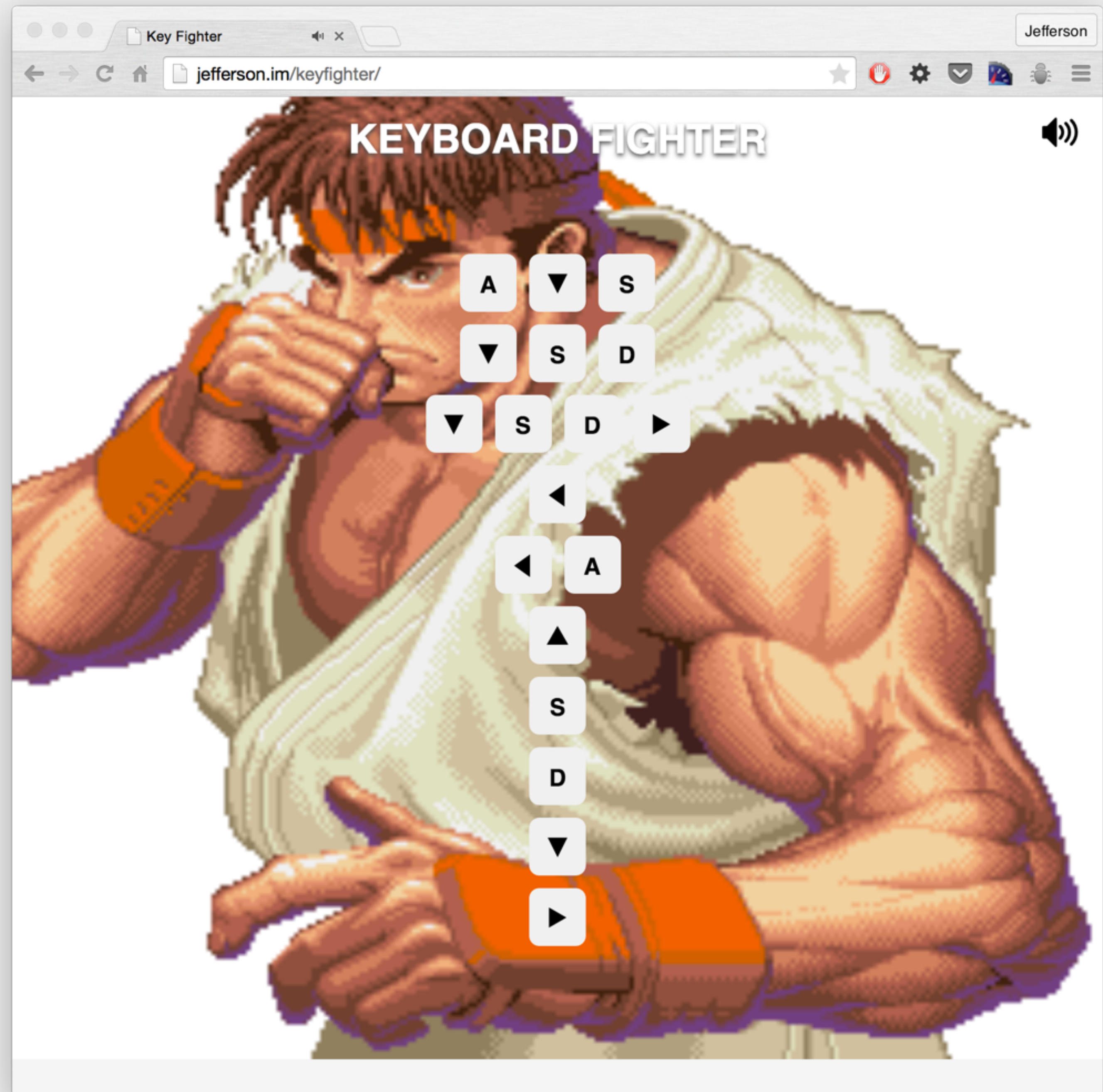
January 31st



5

Keyfighter

February 9th



6

Peeps

February 25th

Peeps

jefferson.im/peeps-app/

Jefferson

32 x 32

Knight Wilder

Bio

Stats

Friends

Wall

Anim Lorem excepteur eu aute do cillum in aute. Culpa exercitation nostrud incididunt elit aliqua. Officia adipisicing est sunt consequat elit id consectetur fugiat. Tempor cupidatat quis nisi culpa cillum minim proident dolore qui et anim in aliqua.

32 x 32

Kari Stout

Bio

Stats

Friends

Wall

Name

Message

Submit

32 x 32

Byers Mccoy

Bio

Stats

Friends

Wall

32 x 32

May Walter

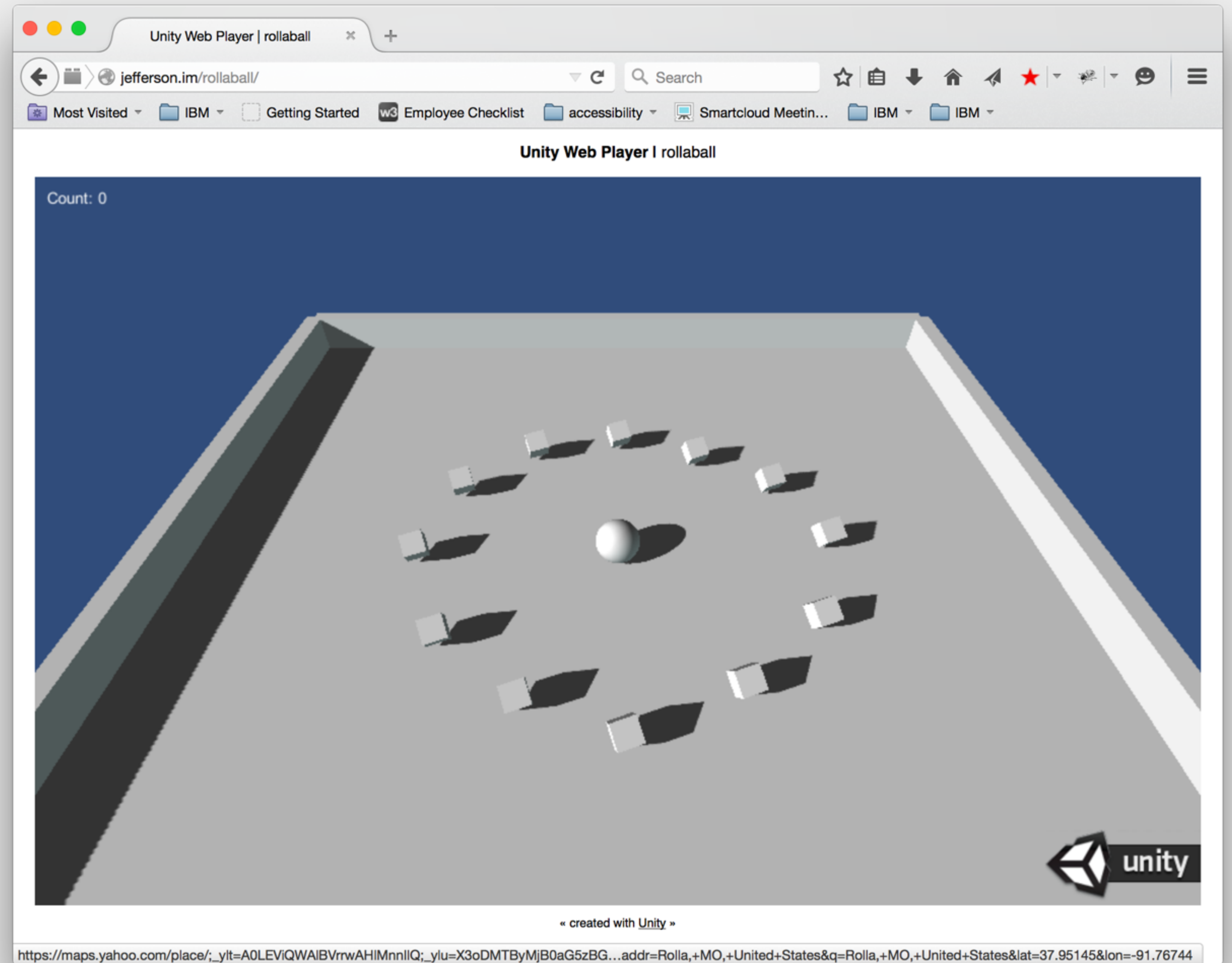
32 x 32

Alicia Horne

7

Rollaball

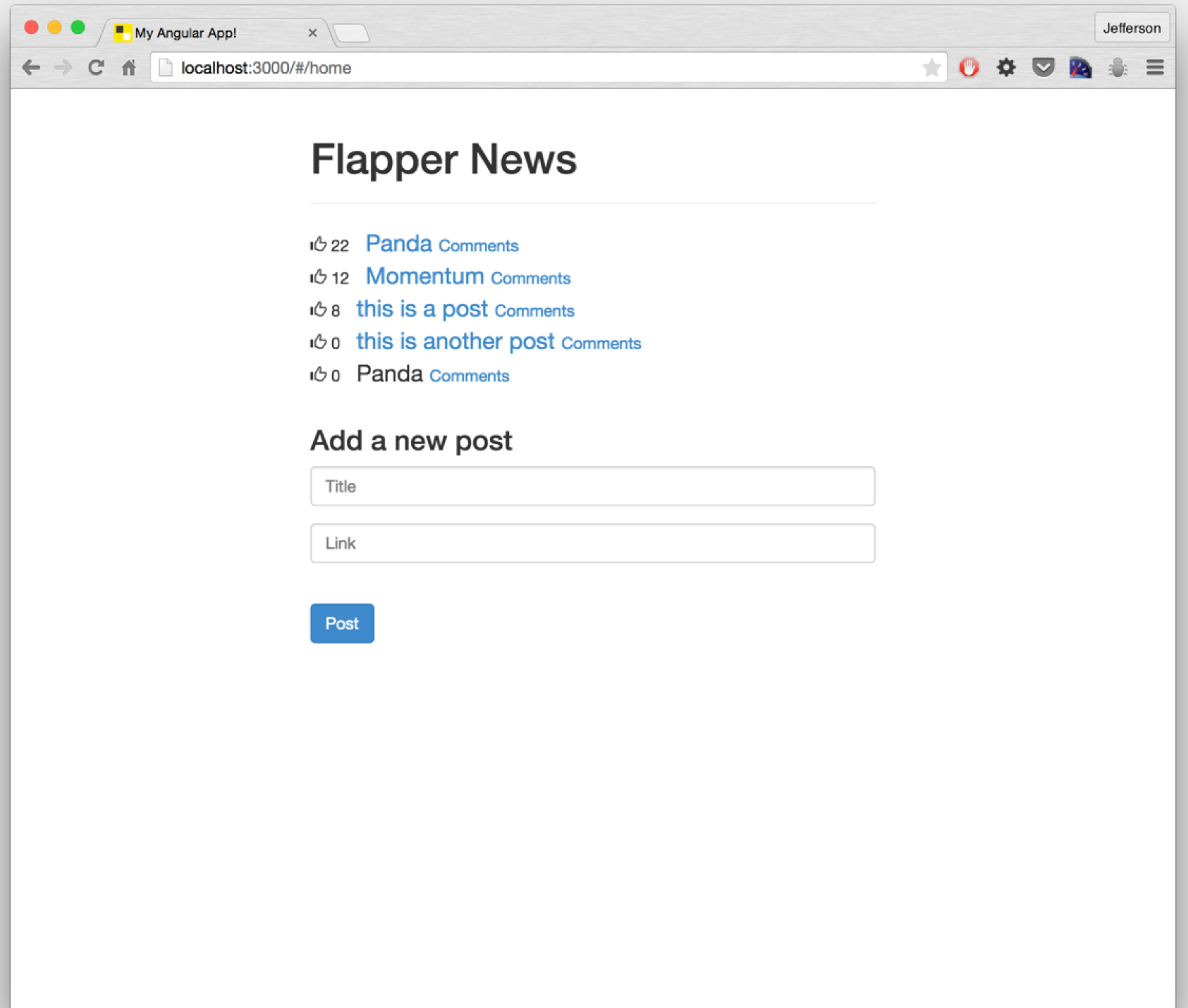
February 28th



8

Flapper News

March 12th



9

Project Euler

April 1st

Archived Problems - Project Euler

https://projecteuler.net/archives

Do you want Google Chrome to save your password?

Never for this site Save password

Project Euler.net

About Archives Recent Progress Account News Friends Statistics Sign Out

Problems Archives

The problems archives table shows problems 1 to 505. If you would like to tackle the 10 most recently published problems then go to [Recent problems](#).

Click the description/title of the problem to view details and submit your answer. If you have already solved the problem it will display both the problem and the correct answer that you have already entered. In addition, once you've solved a particular problem an icon will appear in this table that gives you access to a thread in the forum dedicated to that problem.

All (Solved / Unsolved) problems are being shown, sorted by the ID column in **Ascending** order.
View the details of all problems on one page.
Other language translation projects: [Project Euler Forum](#)

1 2 3 4 5 6 7 8 9 10 11

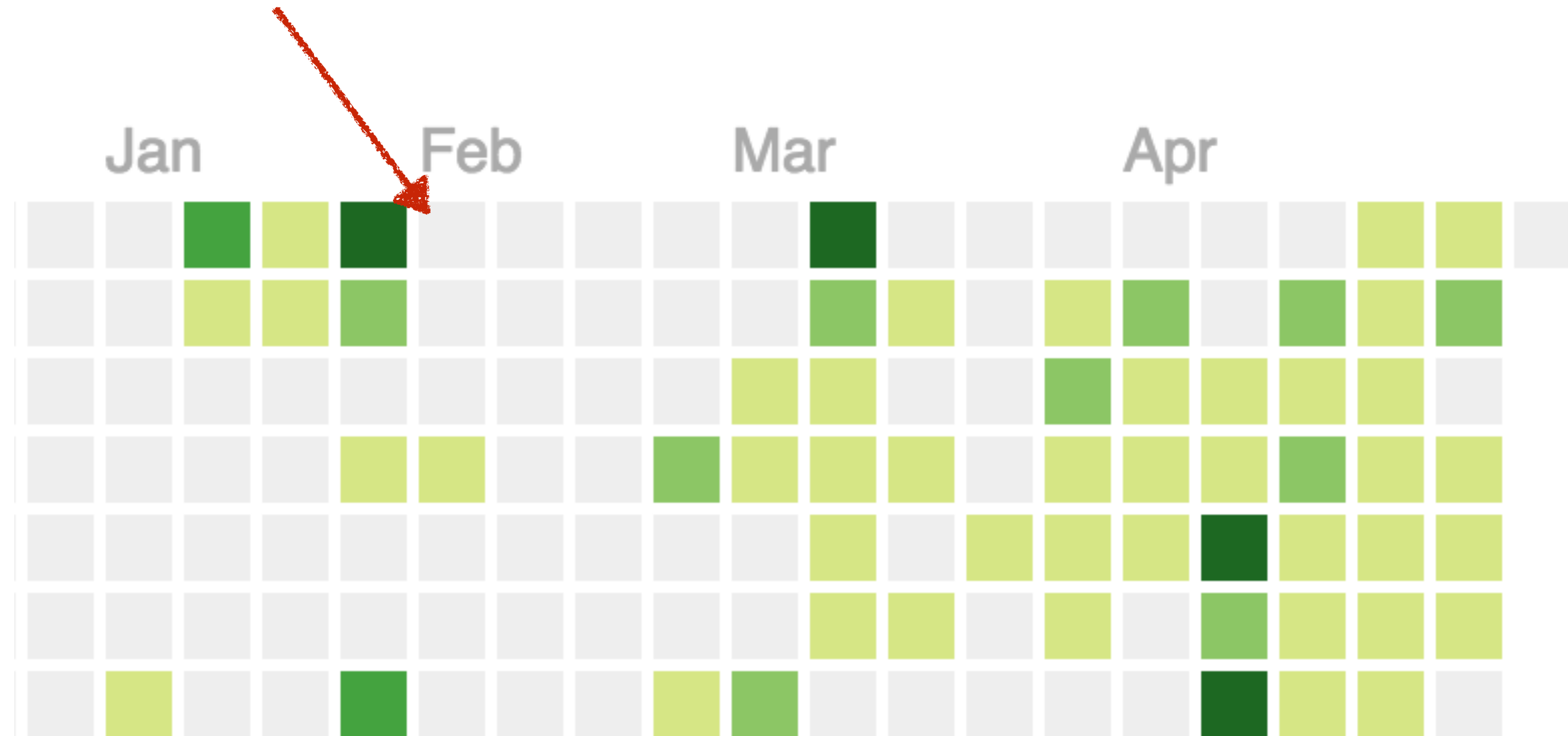
Go to Problem:

ID	Description / Title	Solved By	Difficulty	
1	Multiples of 3 and 5	459460		RainbowVivi 4 hours 206 posts
2	Even Fibonacci numbers	377274		Scragmoor 3 hours 205 posts
3	Largest prime factor	274306		sumeetbhambrah 7 hours 200 posts
4	Largest palindrome product	248048		rozeo 6 hours 202 posts
5	Smallest multiple	260595		jszynkowski 6 hours 204 posts
6	Sum square difference	262456		Flatty 8 hours 202 posts
7	10001st prime	224969		kwakwa 7 hours 200 posts
8	Largest product in a series	195810		
9	Special Pythagorean triplet	195060		
10	Summation of primes	179106		
11	Largest product in a grid	133076		

20 weeks in, and I have 9 “projects”.
What happened?

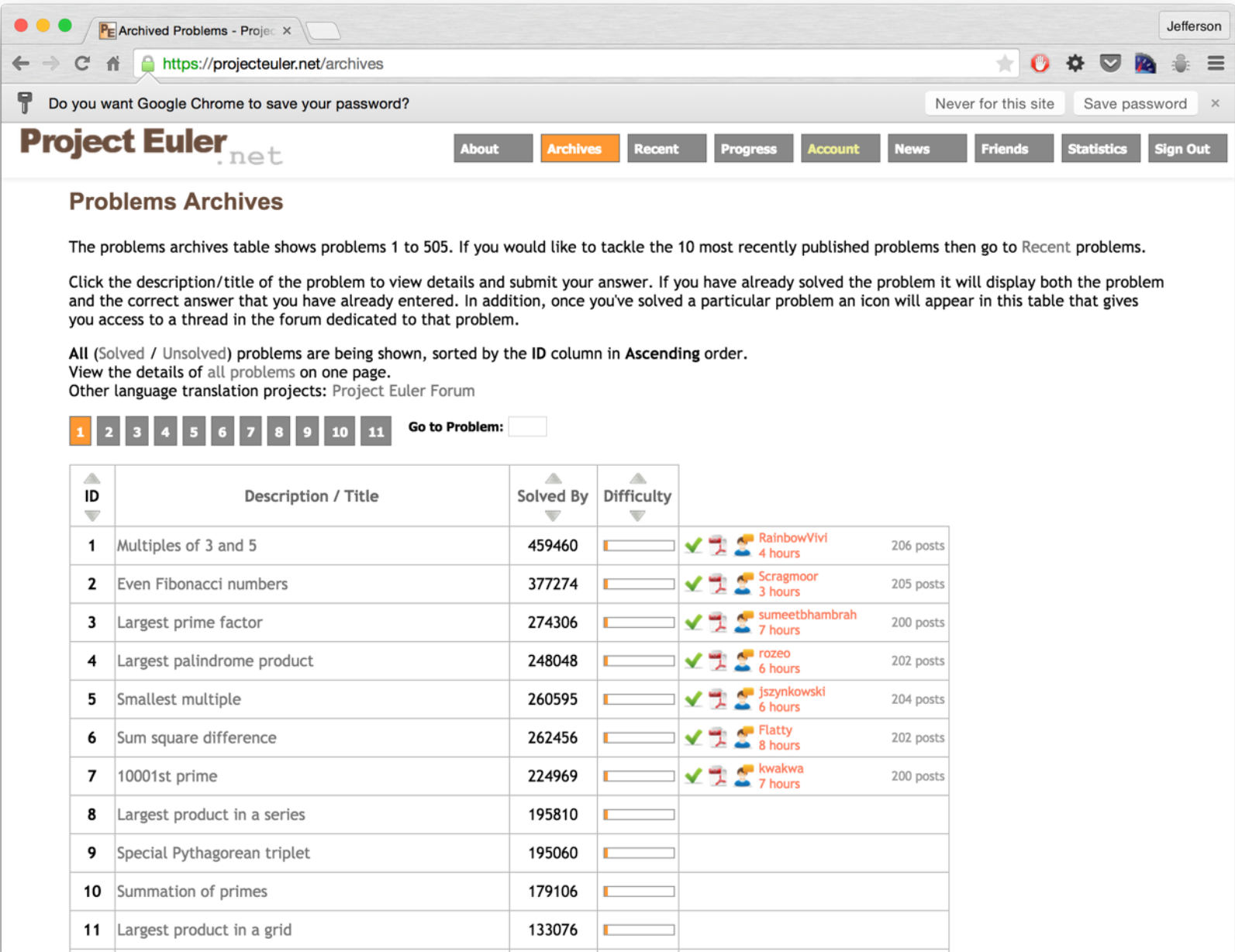
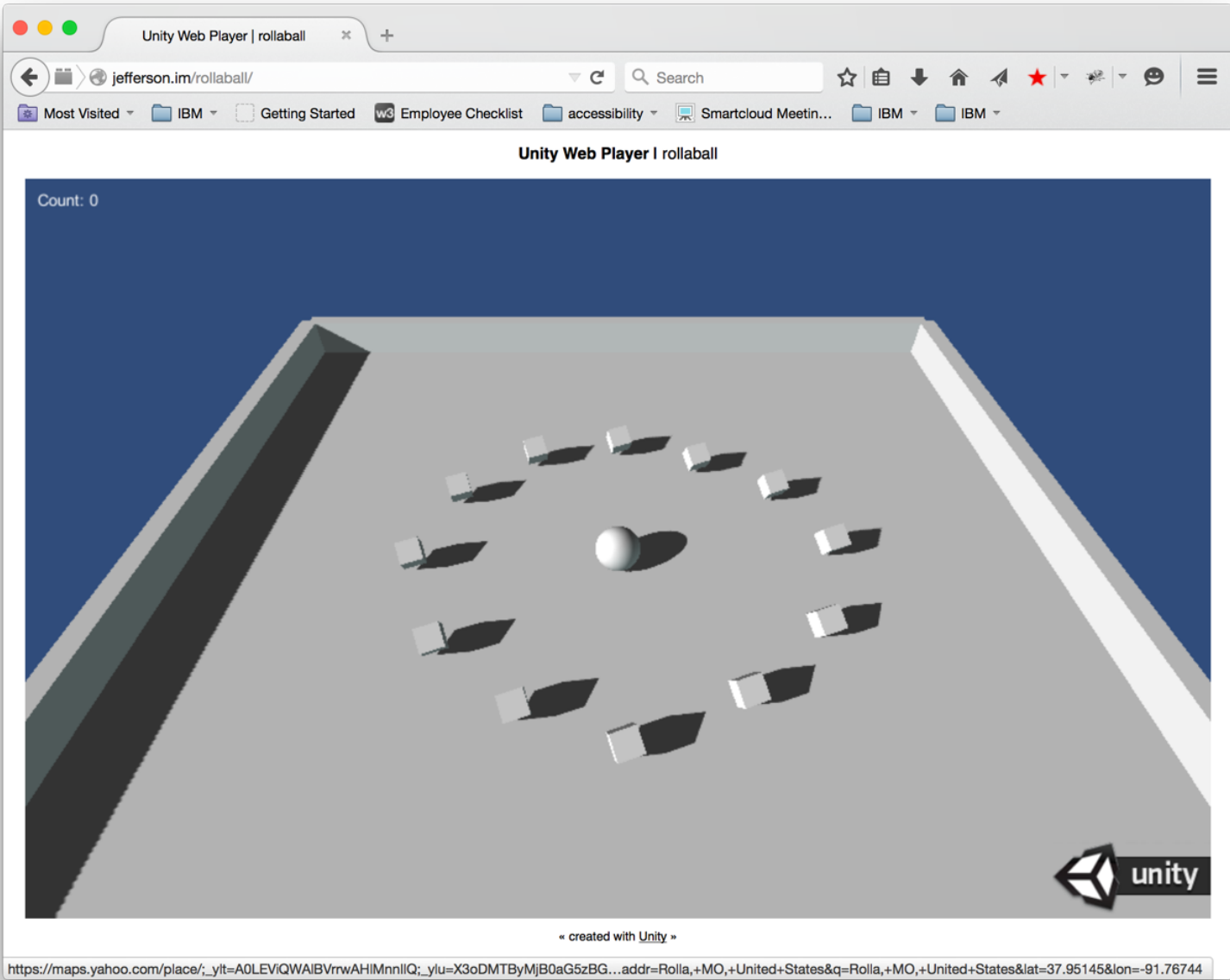
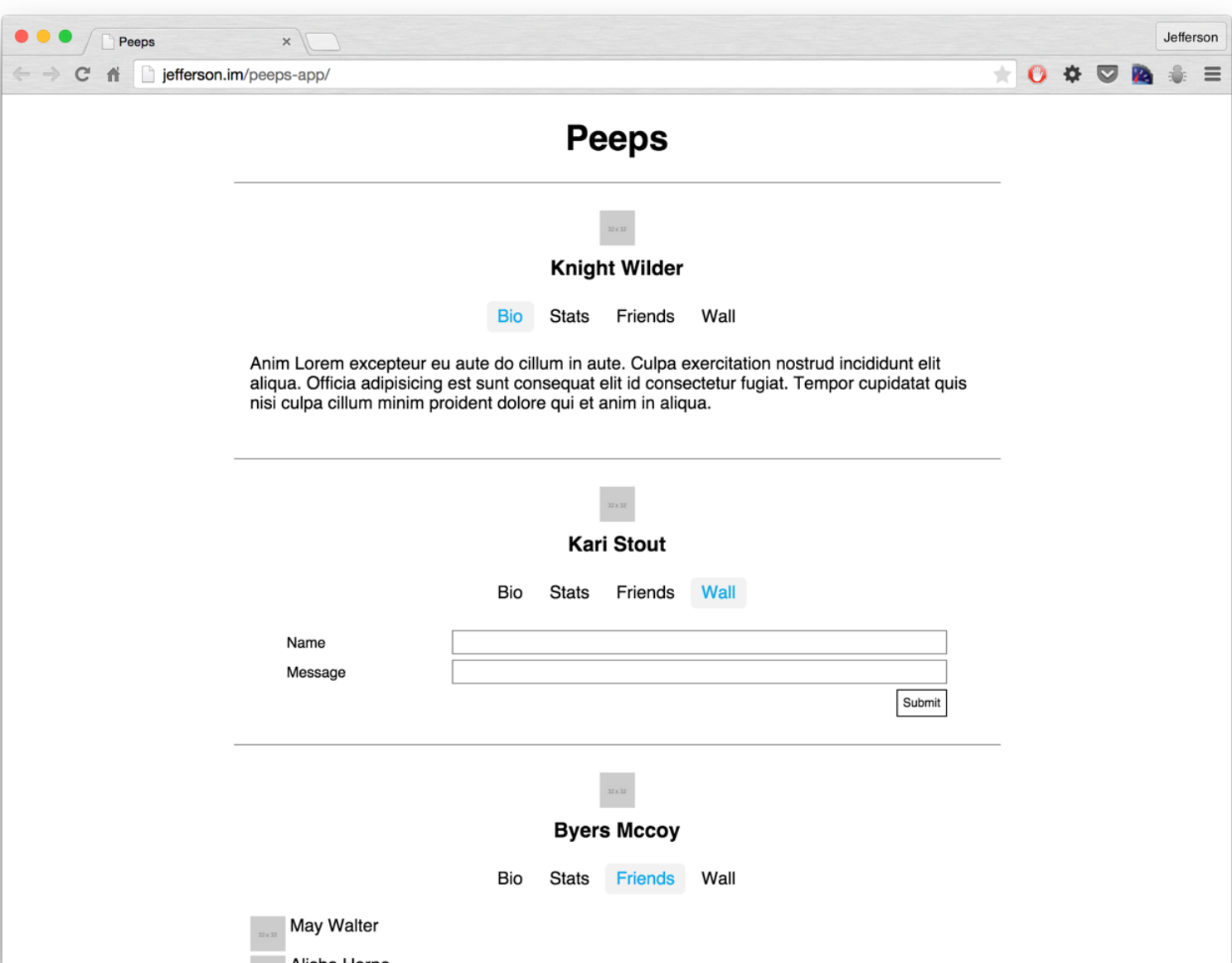
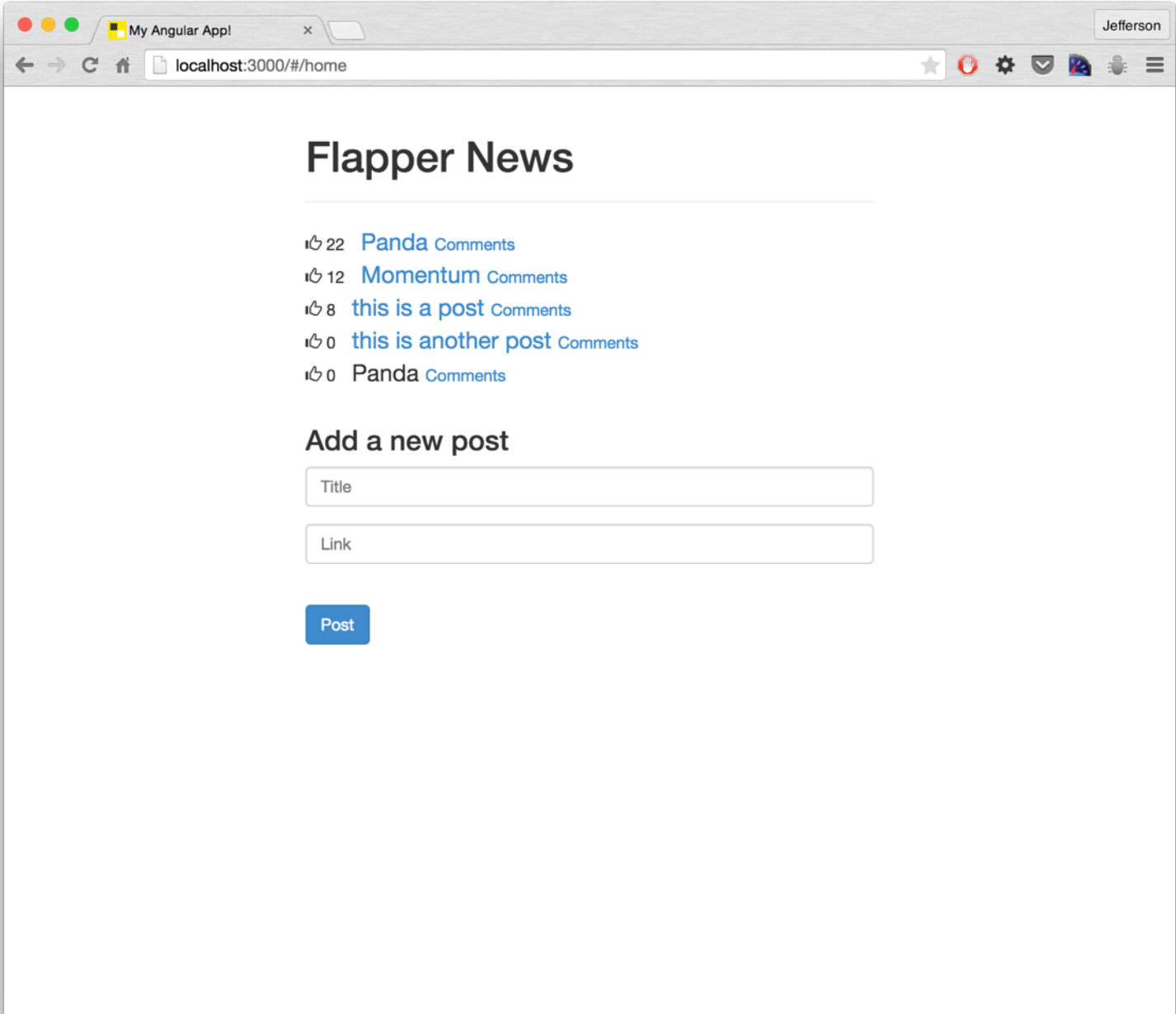
REASON #1 :
TIME

started dating someone



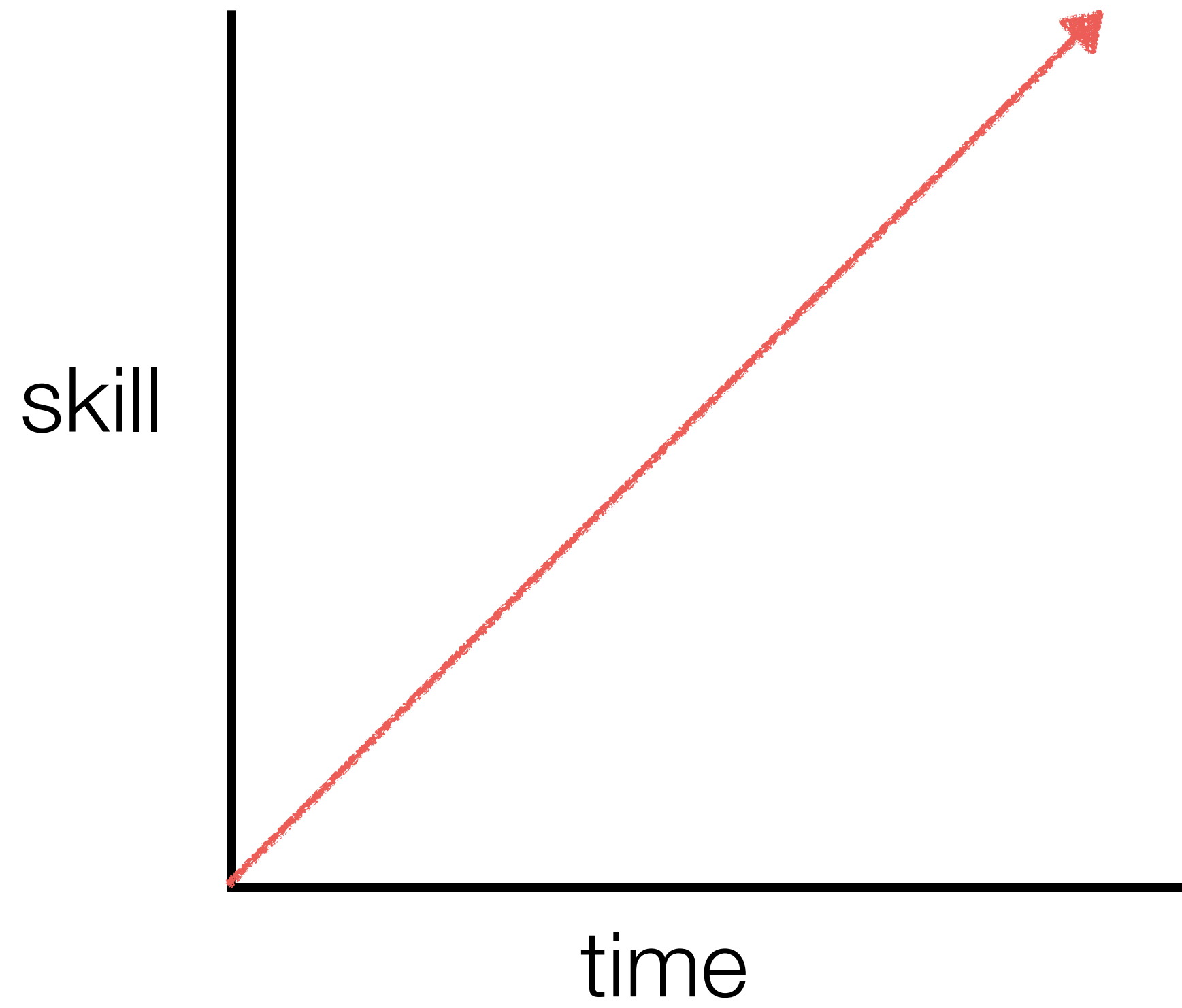
- work
- sleep
- friends
- driving and being stuck in traffic

REASON #2 :
PROJECT IDEAS

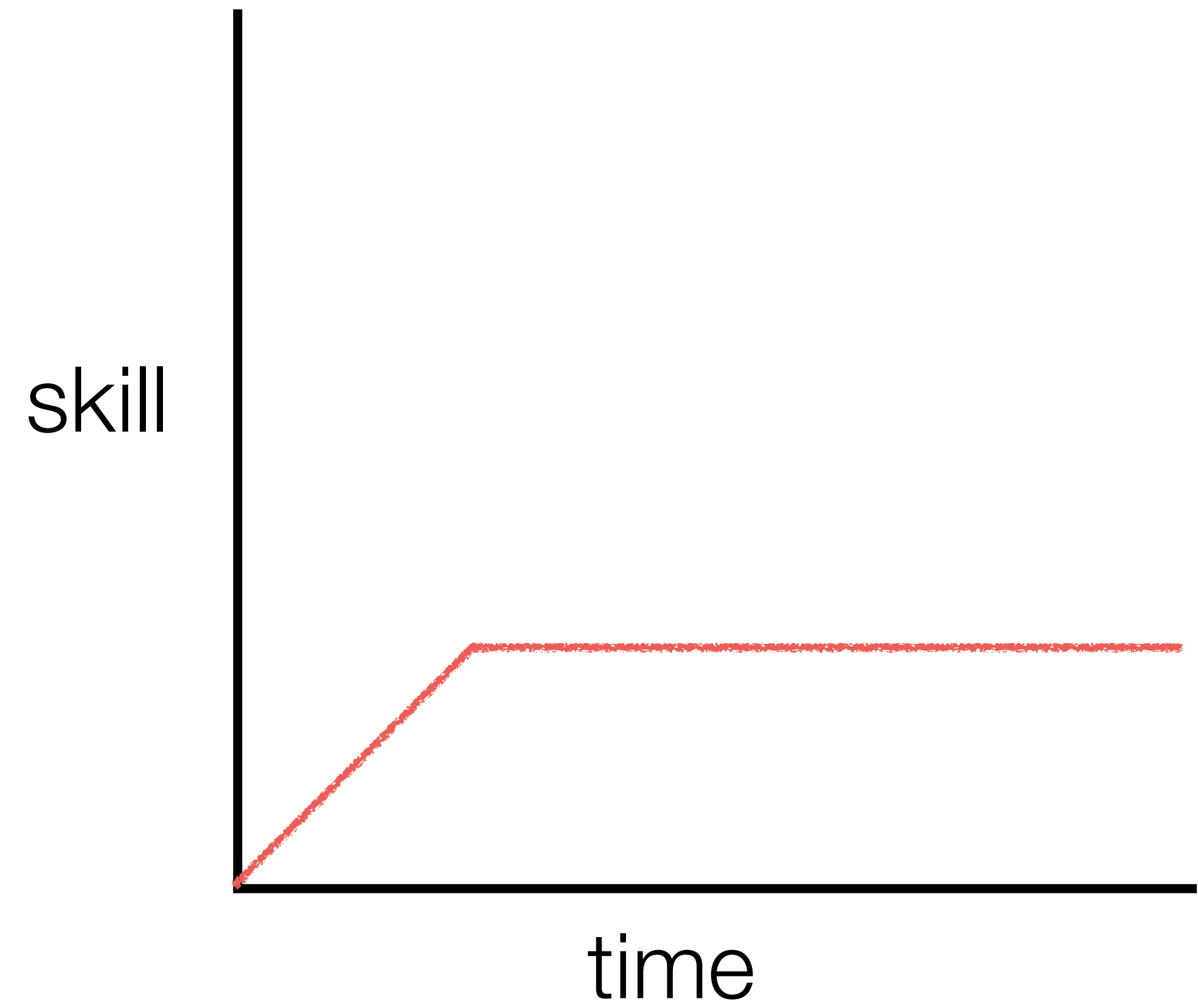


REASON #3 :
NOT MAKING PROGRESS

Expectation



Reality

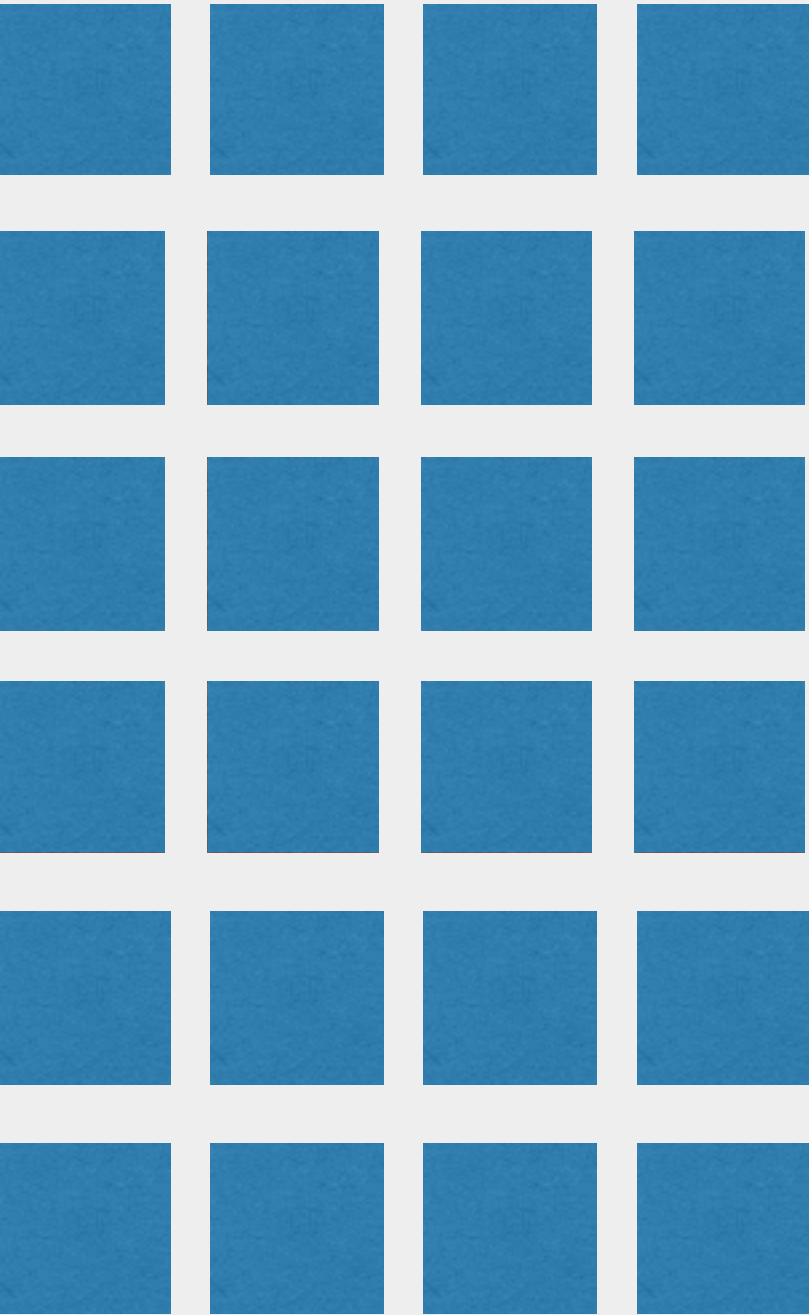




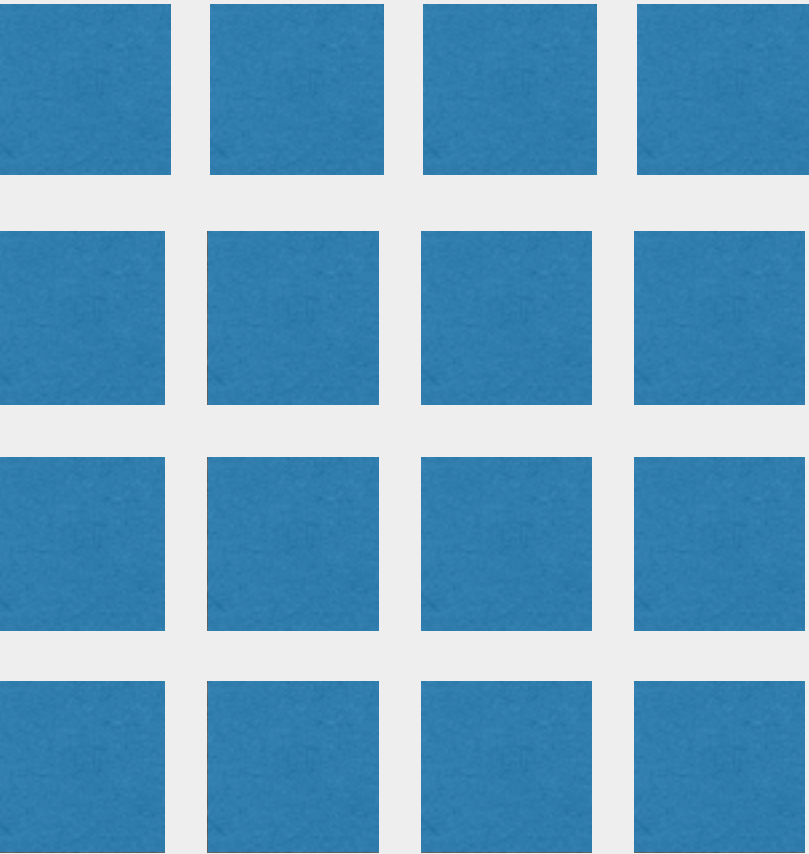
Some reflections...

REASON #1 :
TIME

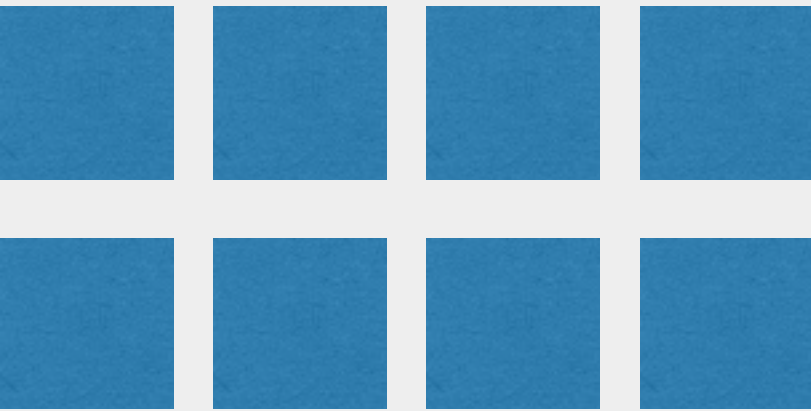
24 Hours



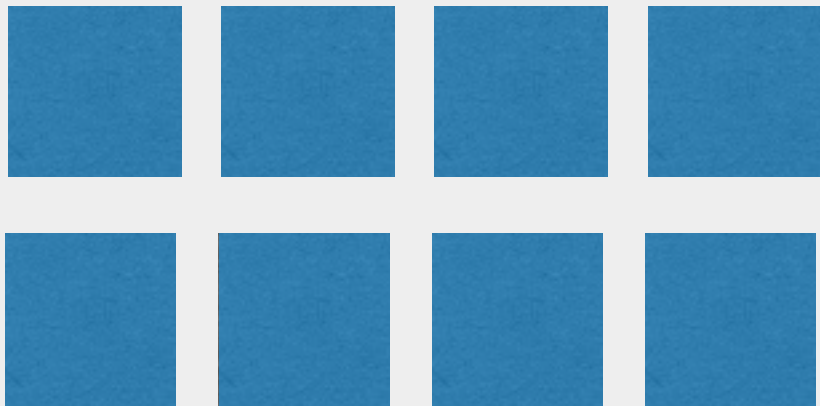
24 Hours



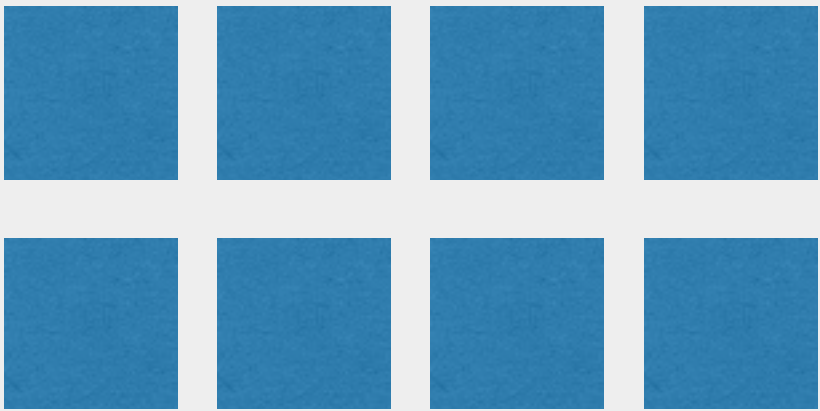
Sleep



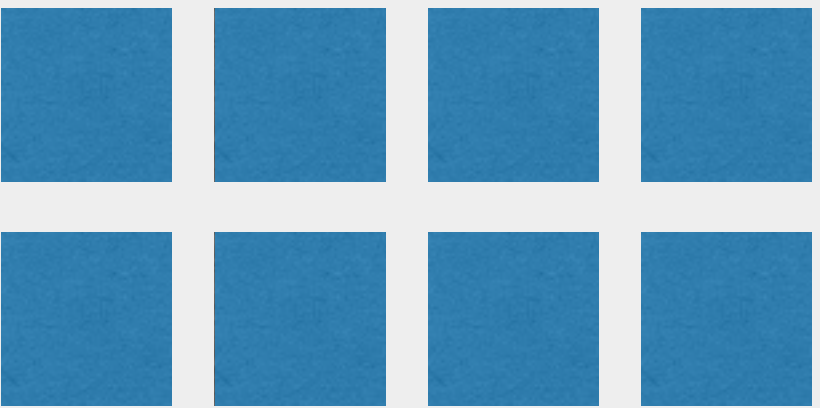
24 Hours



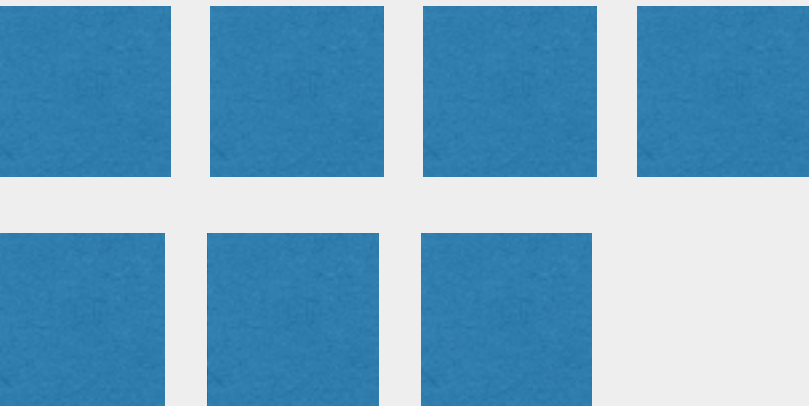
Sleep



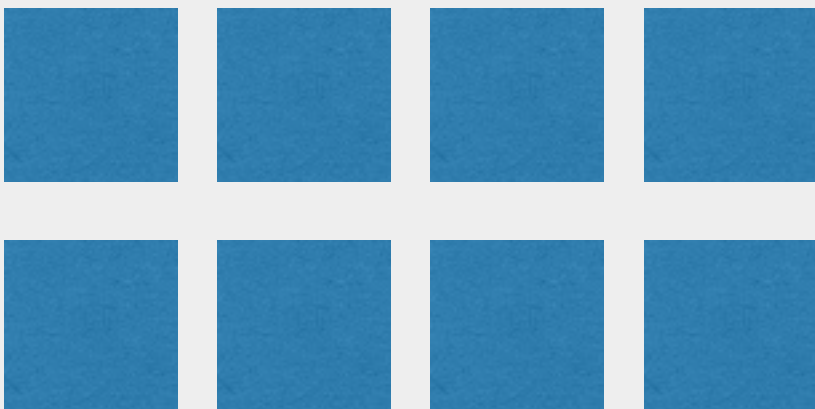
Work



24 Hours



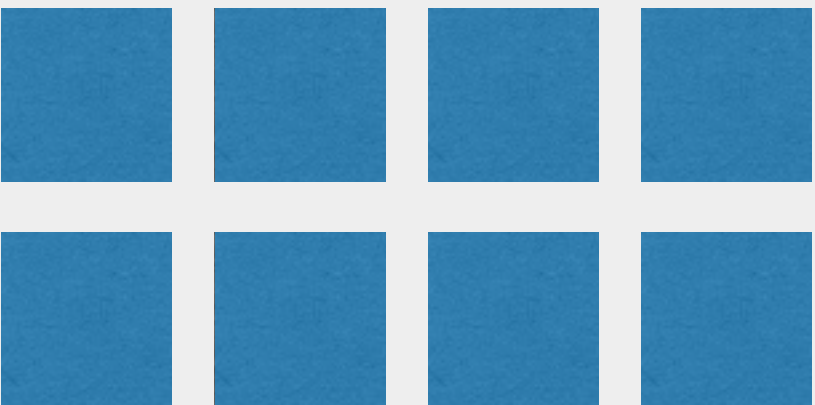
Sleep



Commuting

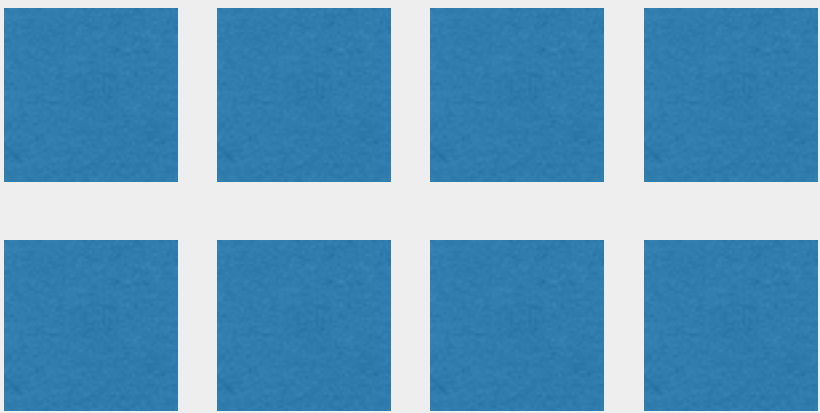


Work



24 Hours

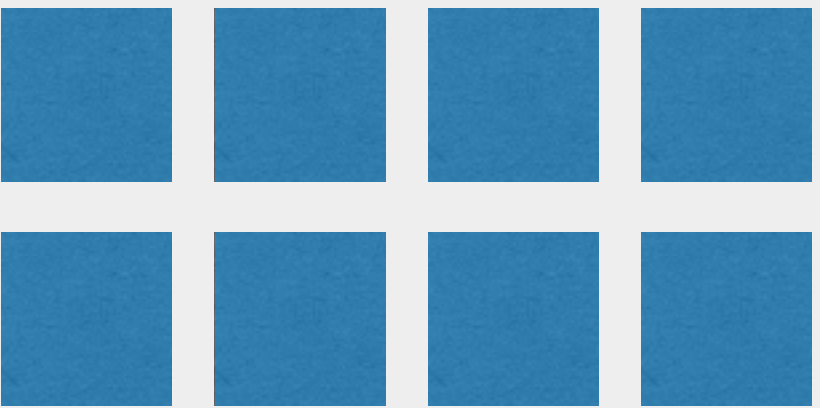
Sleep



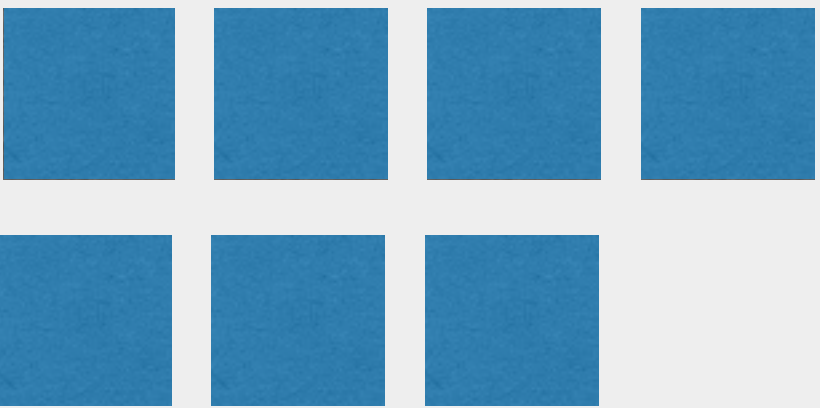
Commuting



Work

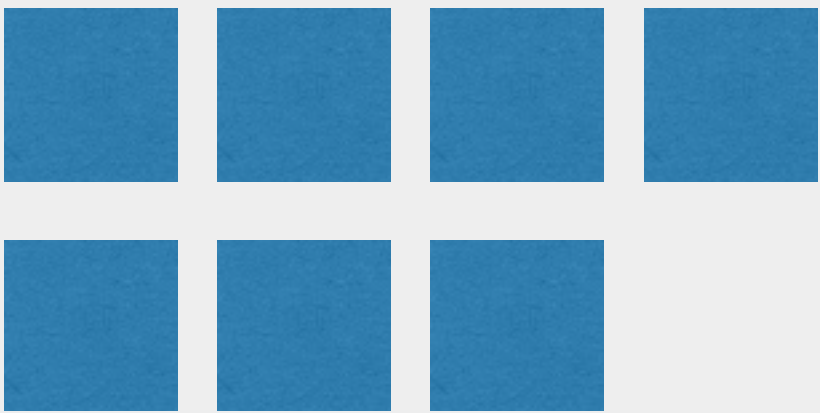


Friends, hobbies, errands, etc.



24 Hours

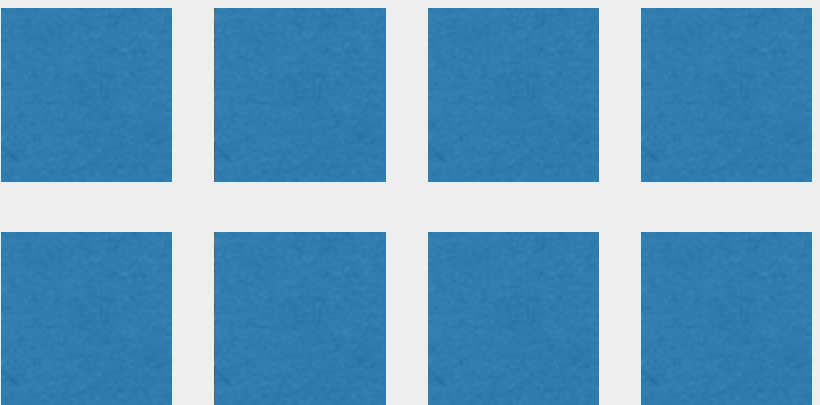
Sleep



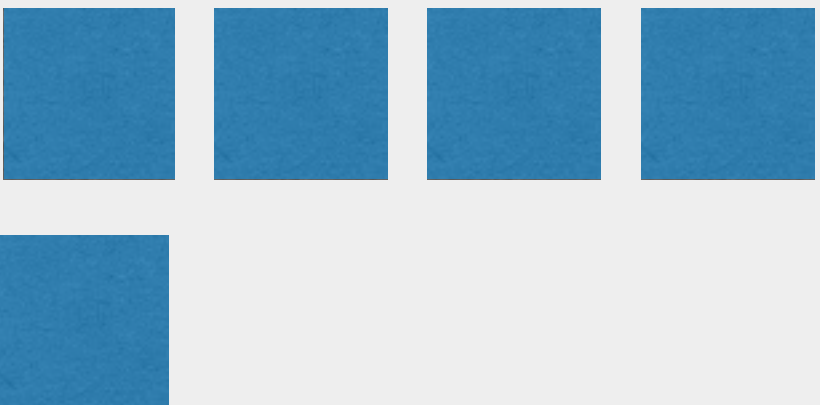
Commuting



Work



Friends, hobbies, errands, etc.



Code

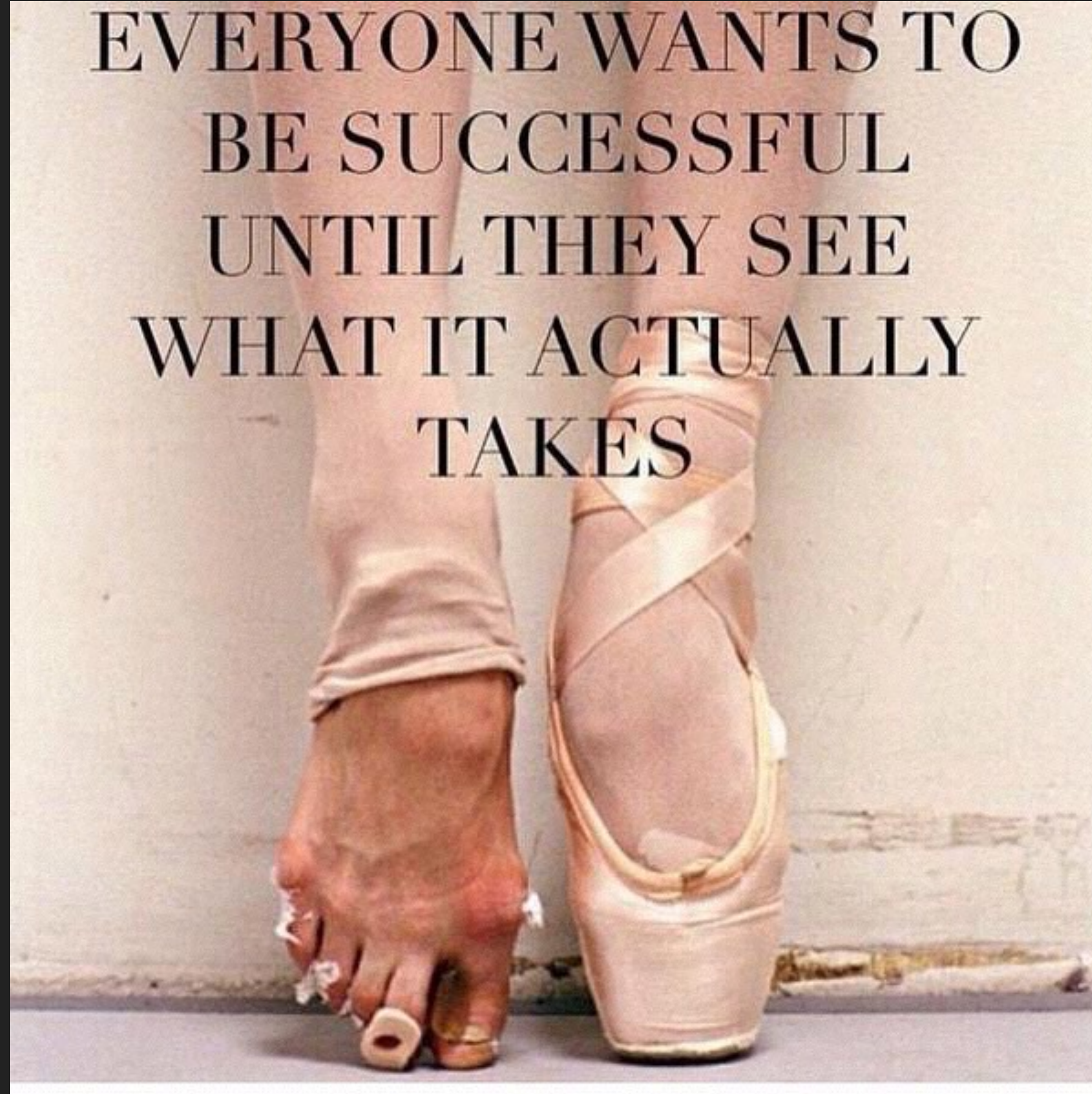


Lesson Learned #1

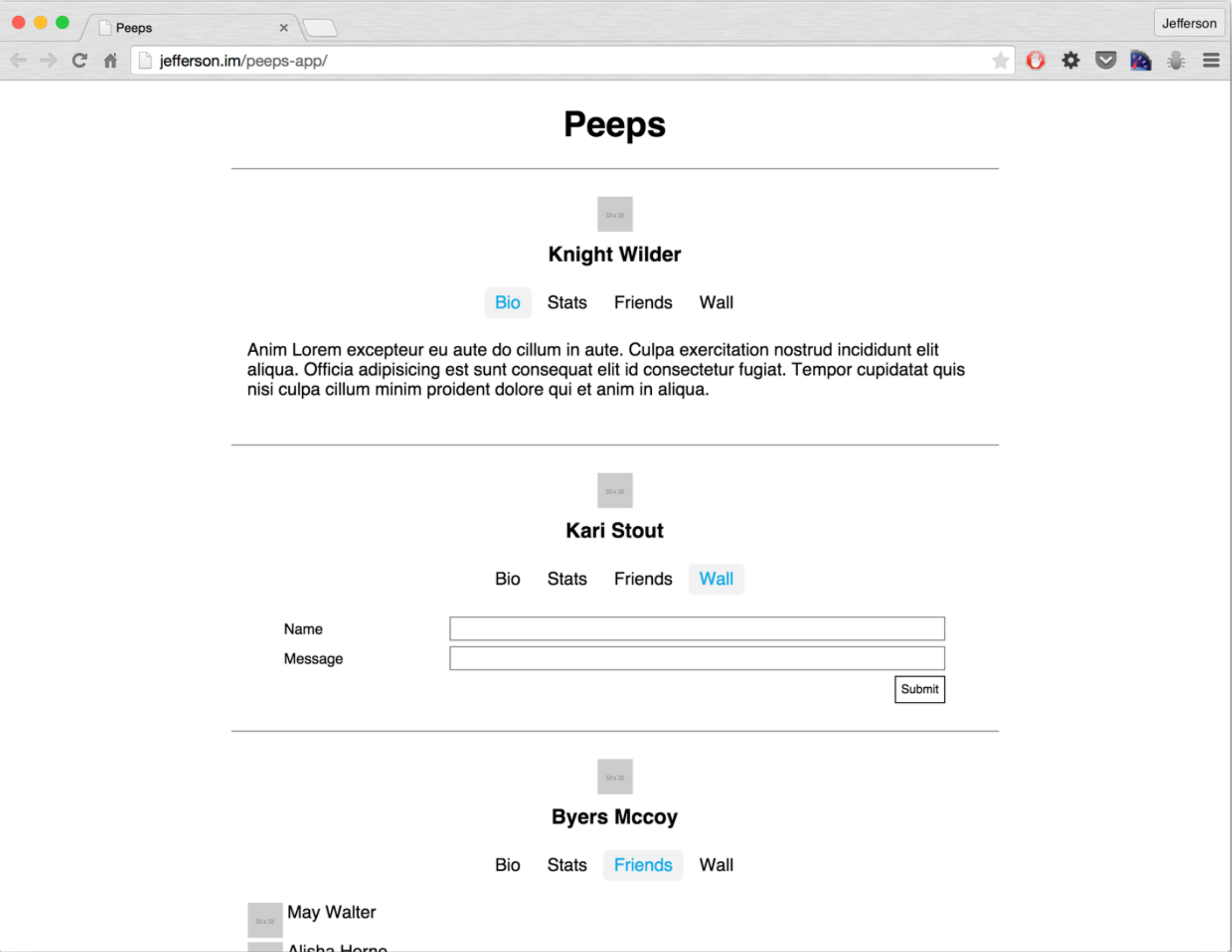
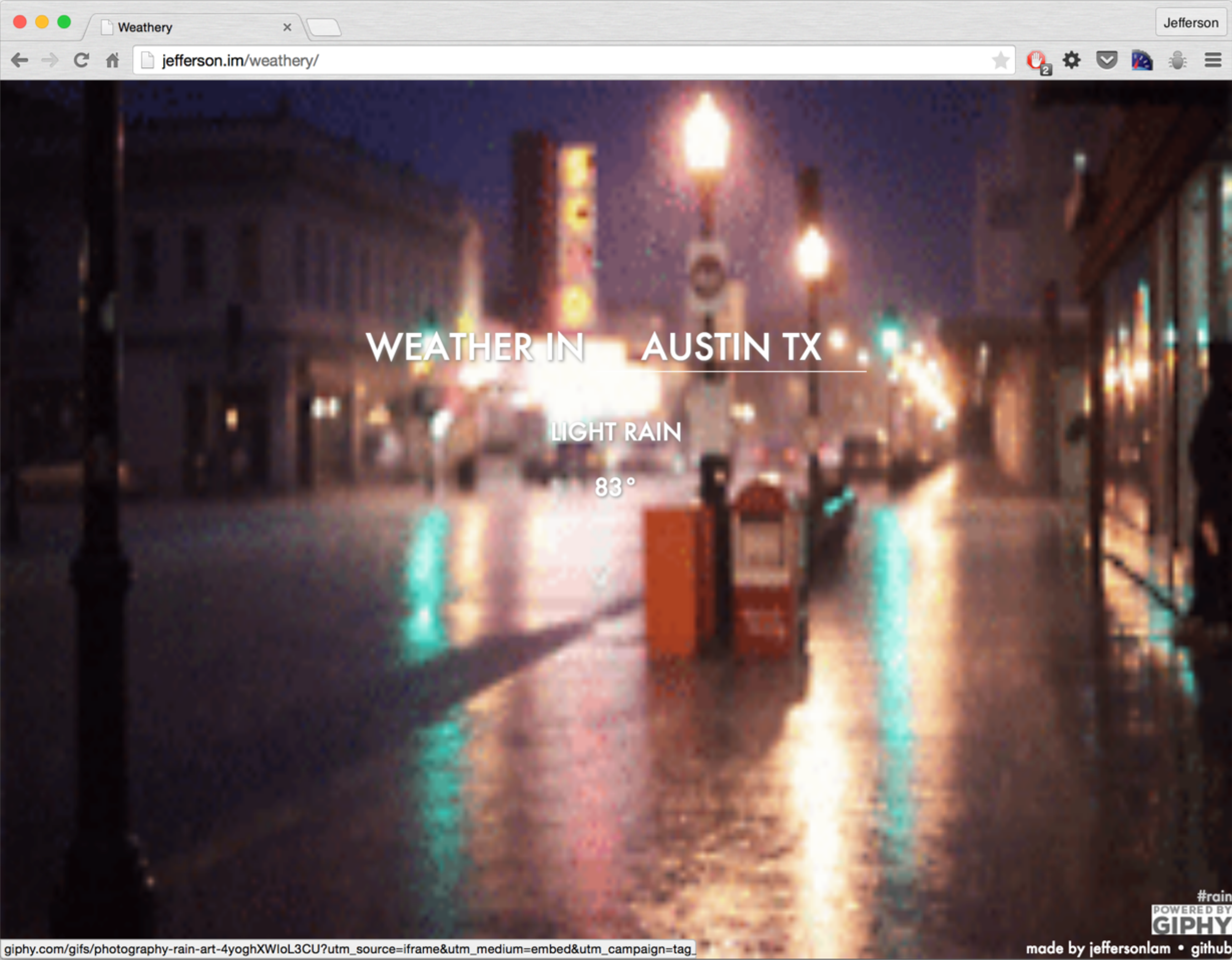
Not having time is no longer an excuse.

You have to **make time**, and you have to **make sacrifices**.

EVERYONE WANTS TO
BE SUCCESSFUL
UNTIL THEY SEE
WHAT IT ACTUALLY
TAKES



REASON #2 :
PROJECT IDEAS



Lesson Learned #2

It's hard to build something out of nothing.
Build your projects around **content**.

“Project”?

Q

Why am I doing this Project 52?

A

To become a better developer.

To give myself opportunities to code.

“Project”? ~~Project~~.

Code snippets are fine.

In fact, anything is fine.

Just make something.

Organize Your Profile on C...CSS/JS Page Transitions xJefferson

codepen.io/jeffersonlam/pen/mJV0yJ?editors=001

CODEPENSaveForkShareSettingsEditor

JavaScriptTidy

```
1 var navItems =
2 document.querySelectorAll("nav > ul > li");
3 var sectionItems =
4 document.querySelectorAll(".container >
5 section");
6
7 for (var i = 0; i < navItems.length; i++) {
8   navItems[i].onclick = (function(i) {
9     return function() {
10       setActive(i, navItems);
11       setActive(i, sectionItems);
12     }
13   })(i);
14 }
15
16 function setActive(index, array) {
17   for (var i = 0; i < array.length; i++) {
18     array[i].classList.remove('active');
19   }
20   array[index].classList.add('active');
21 }
22
23 /*
24 JS Class Manipulation Cheat Sheet
25
26 document.body.classList.contains('thatClass')
27
28 document.body.classList.add('thisClass');
29
30 document.body.classList.remove('thatClass');
```

HomePortfolioBlogAbout

Home

This is an experiment in creating transitions between pages. This end result is something akin to a single-page application.

CollectionsEmbedDetailsDeleteLast saved 6 hours agoHTMLCSSJS

Organize Your Profile on C...AJAX Request with JavaSc xJefferson

codepen.io/jeffersonlam/pen/MwaNeJ?editors=001

CODEPENSaveForkShareSettingsEditor

JavaScriptTidy

```
1 var responseElem =
2 document.getElementById("responseElem");
3 var urlElem =
4 document.getElementById("url");
5 var input;
6 var url;
7
8 function updateUrl() {
9   input =
10 document.getElementById("input").value;
11   url =
12 "http://api.stackexchange.com/2.2/search
13 ?order=desc&sort=activity&tagged=" +
14 input + "&site=stackoverflow";
15   urlElem.innerHTML = url;
16
17 if (event.keyCode == 13) get();
18 }
19
20 function get() {
21   var xhr = new XMLHttpRequest();
22   xhr.open("GET", url, true);
23   xhr.onreadystatechange = callback;
24   xhr.send();
25
26 function callback() {
27   if (xhr.readyState == 4 &&
28     xhr.status == 200) {
29     var response =
```

AJAX Request with JavaScript

javascript

Send GET request to StackOverflow API

GET

http://api.stackexchange.com/2.2/search?order=desc&sort=activity&tagged=&site=stackove

CollectionsEmbedDetailsDeleteLast saved 2 days agoHTMLCSSJS

Lesson Learned #3

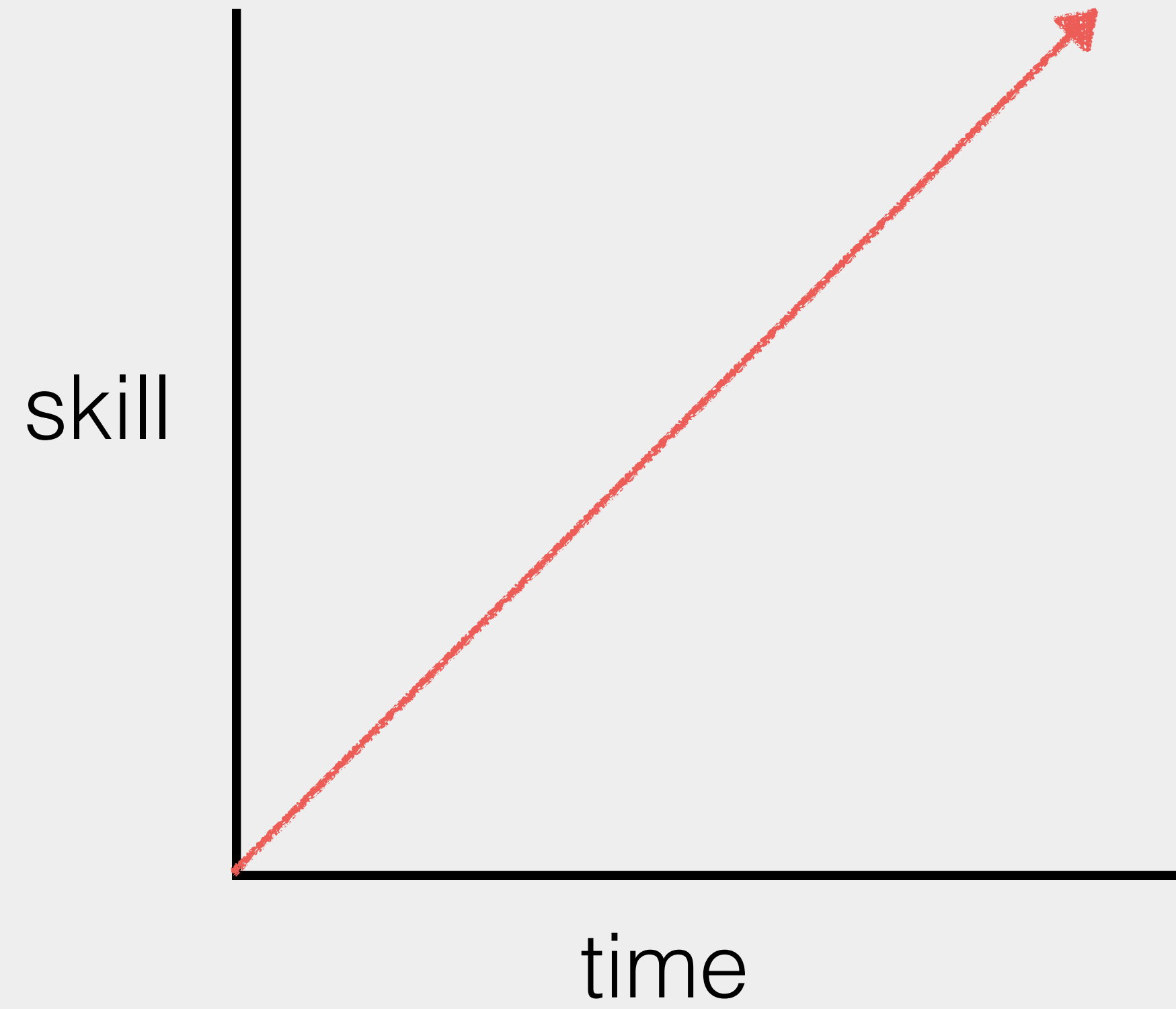
It's OK to **discard** old goals if they are no longer helpful. Constantly **re-assess** your goals and **move** them as needed.

Lesson Learned #4

Big projects are daunting. It's easier to get things done if you keep your scope **small**.

REASON #3 :
NOT MAKING PROGRESS

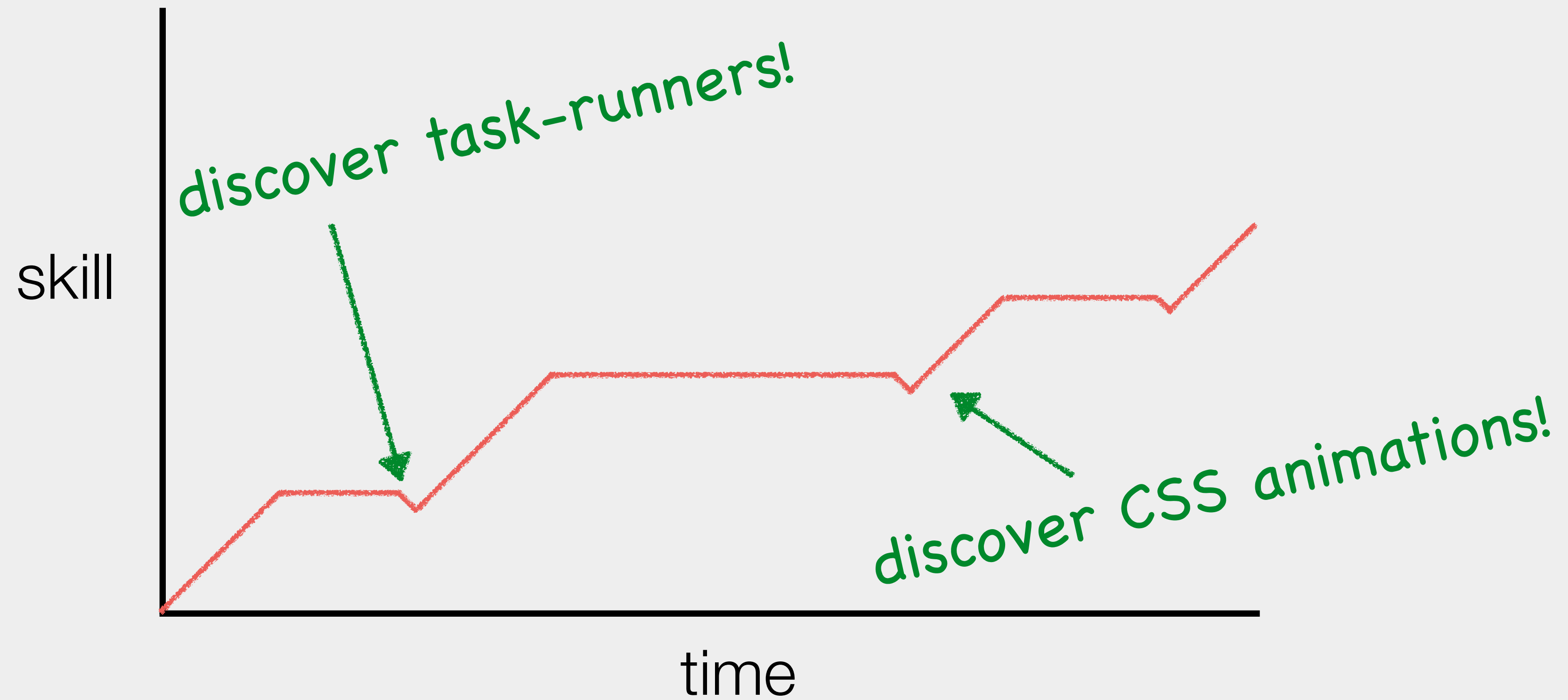
Expectation



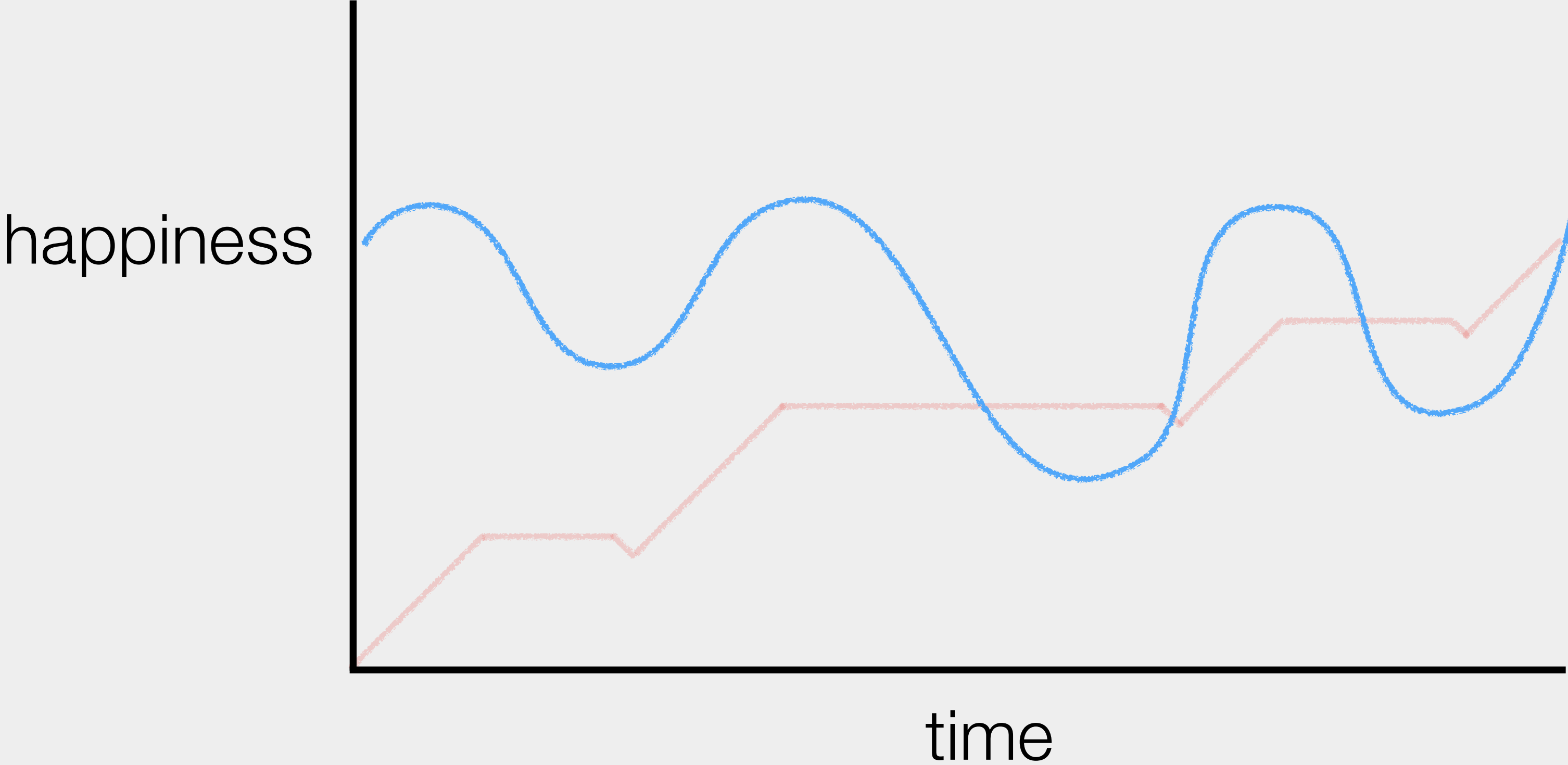
Reality



How Skill Acquisition Works



How Skill Acquisition Feels

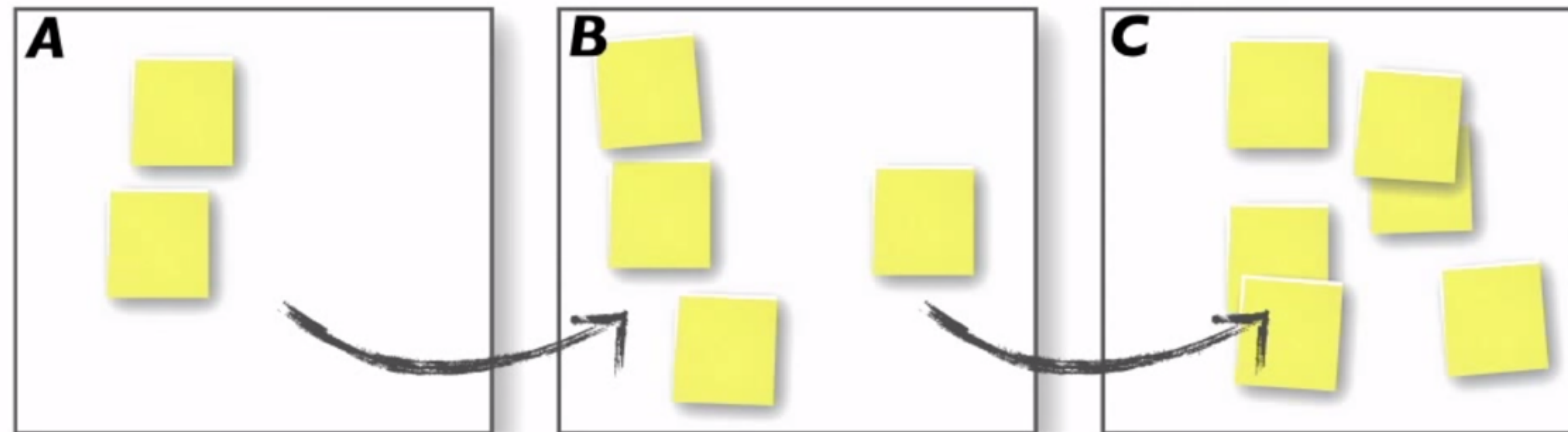




Can't do
(but need to)

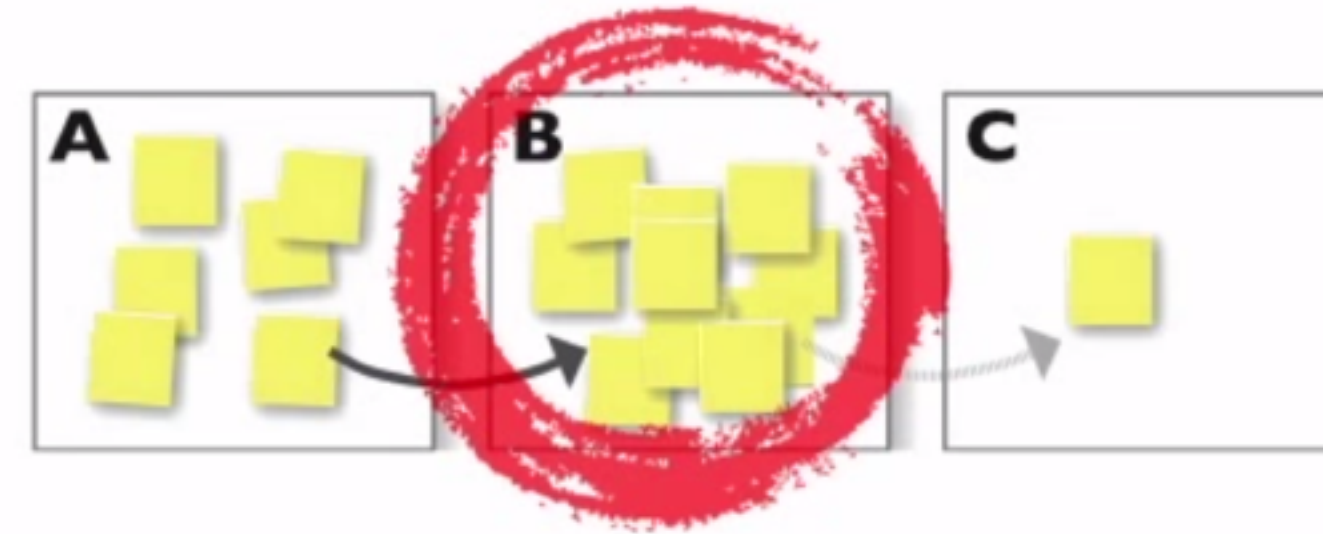
Can do
with effort

Mastered
(reliable/automatic)

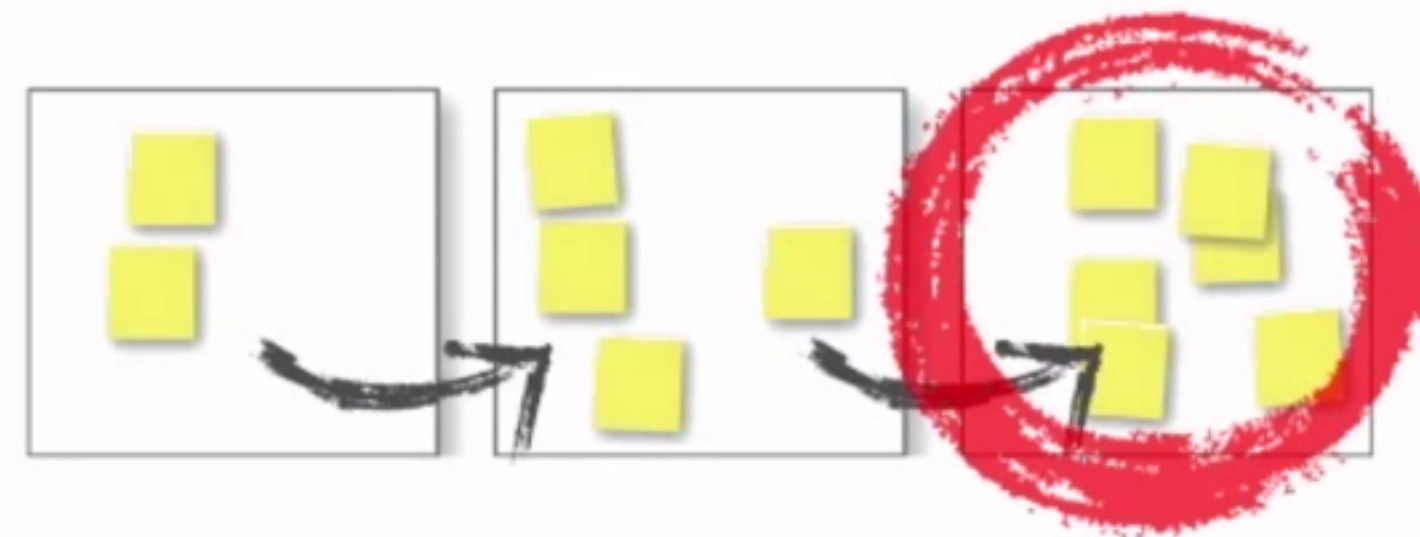




Pile-up on B



Half-assed on C



Too sloooooow



Kathy Sierra: Making Badass Developers

I was trying to hit too many targets.

Lesson Learned #5

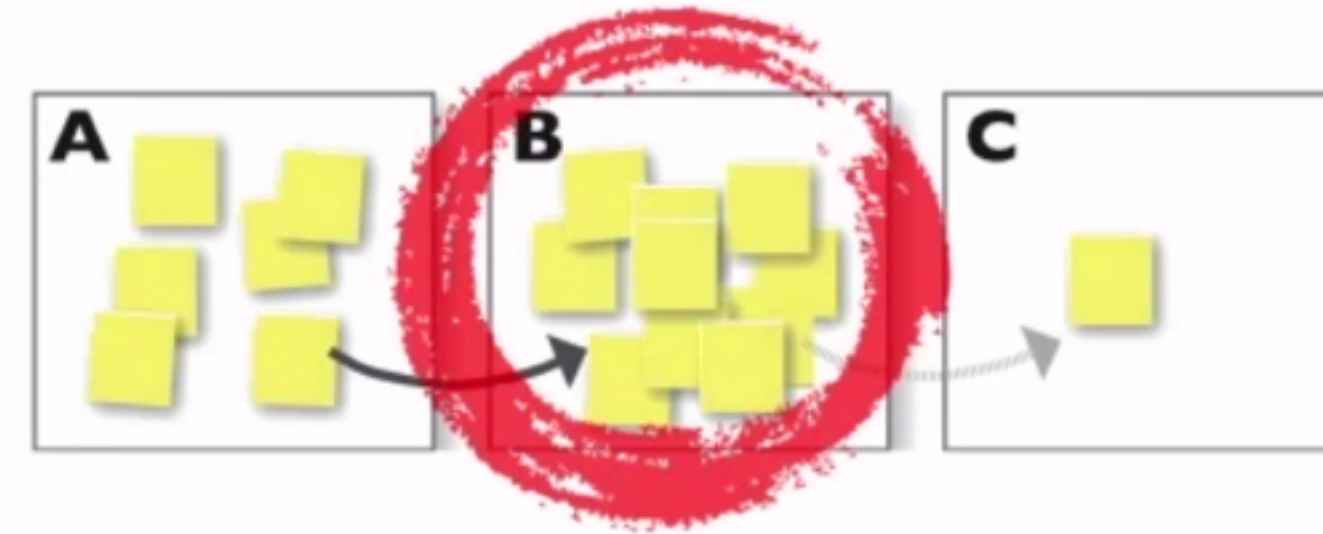
Develop a specific **toolkit**, and **focus** on mastering those skills. You won't learn anything if you try to learn everything.

“Jack of all trades, master of none.”

- Unknown



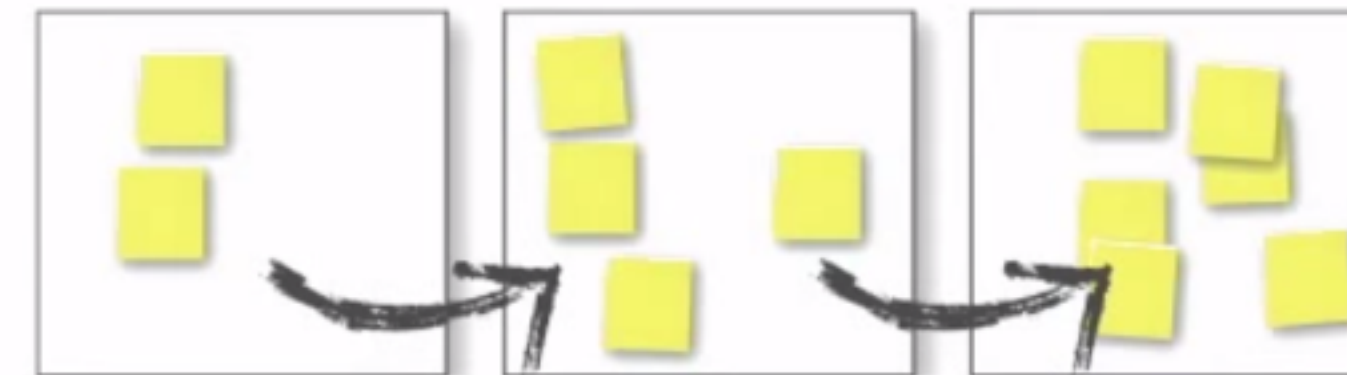
Pile-up on B



Half-assed on C

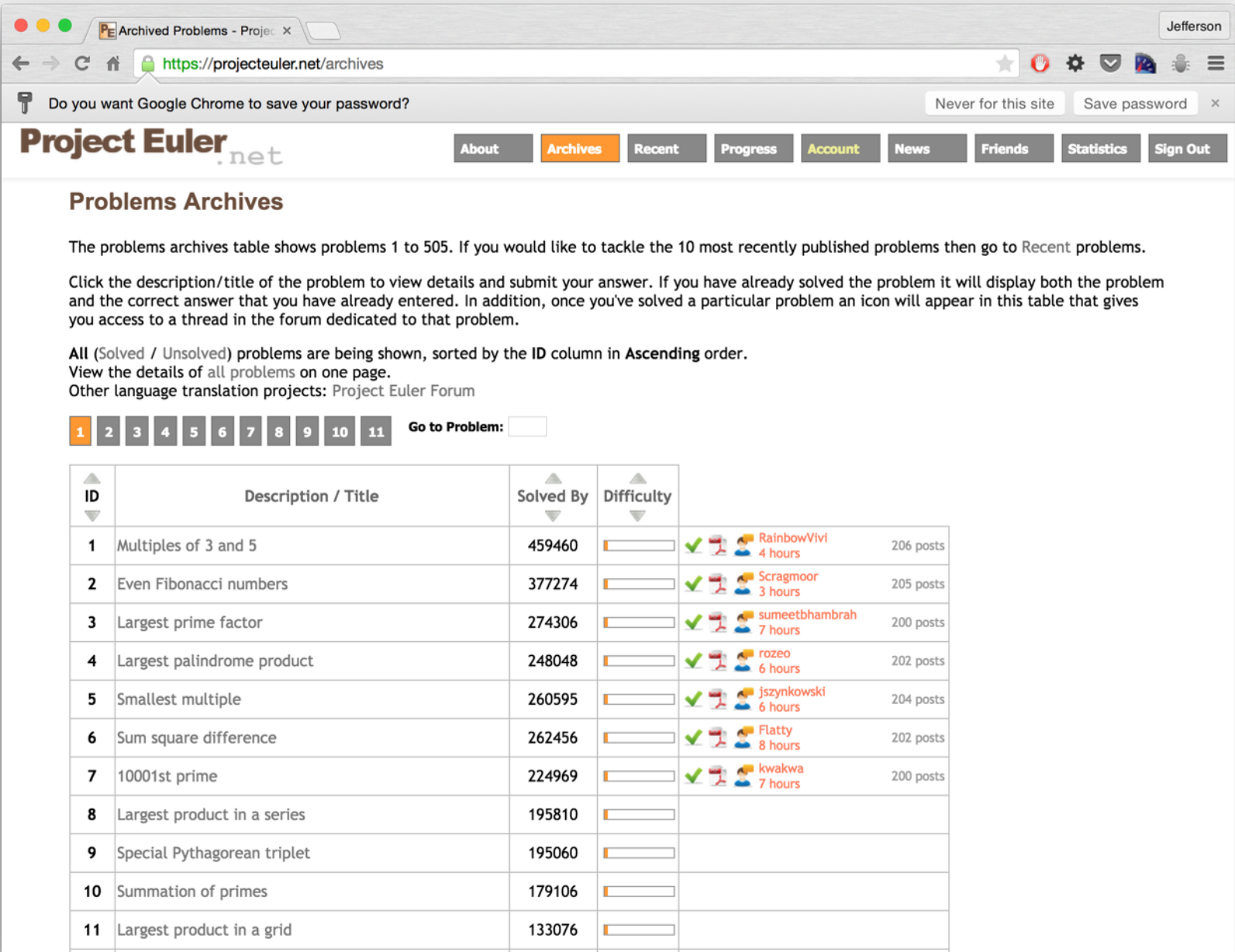
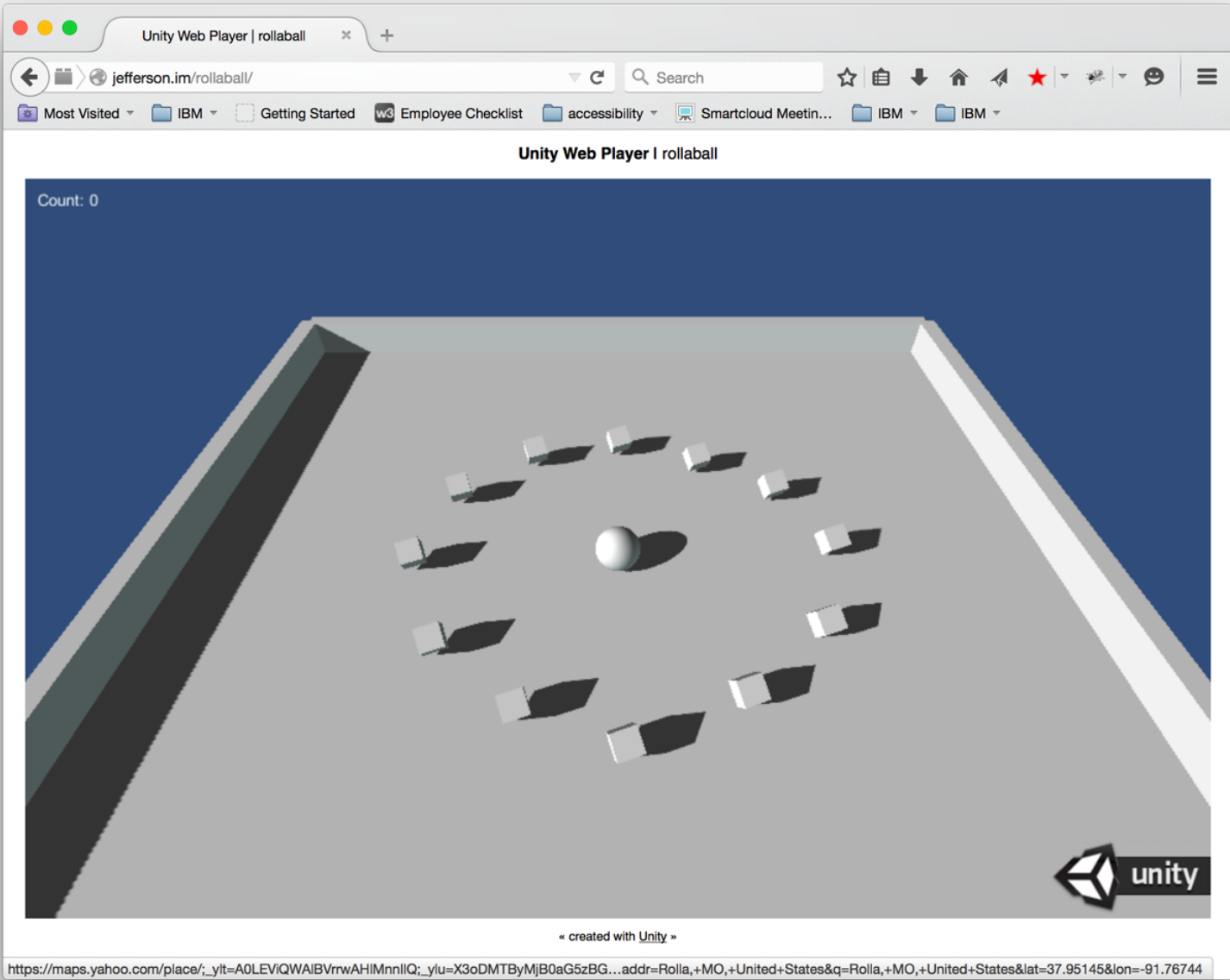
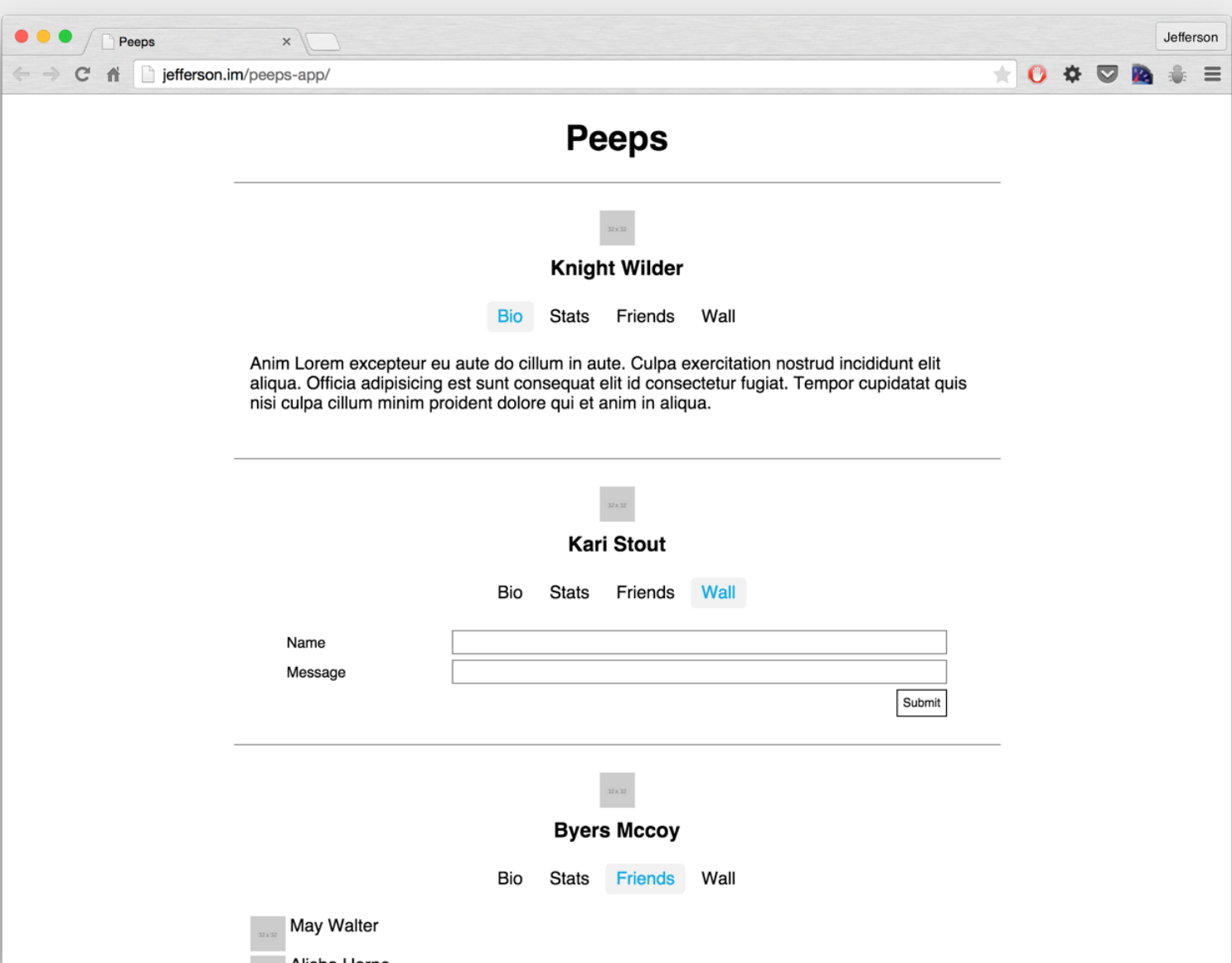
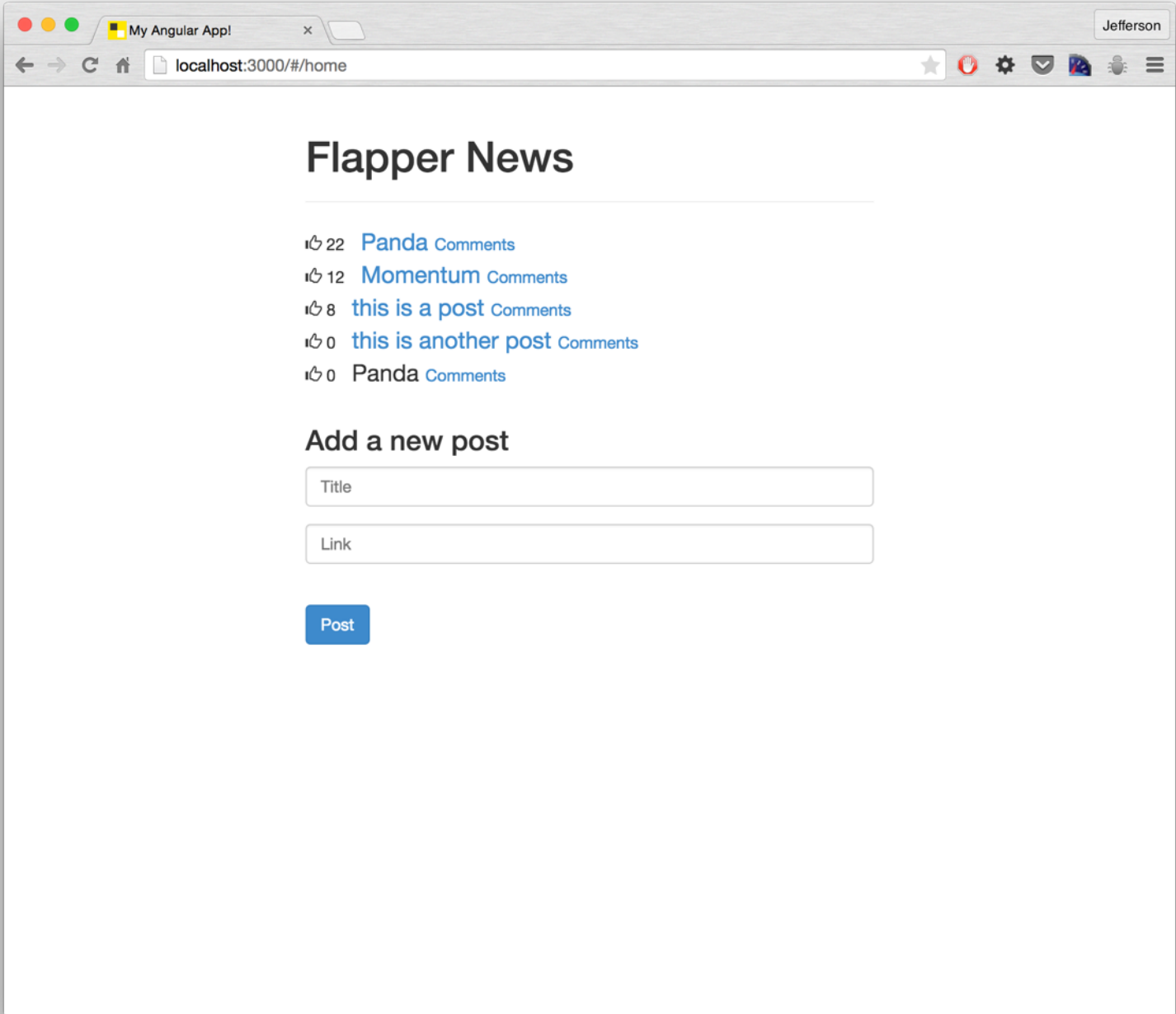


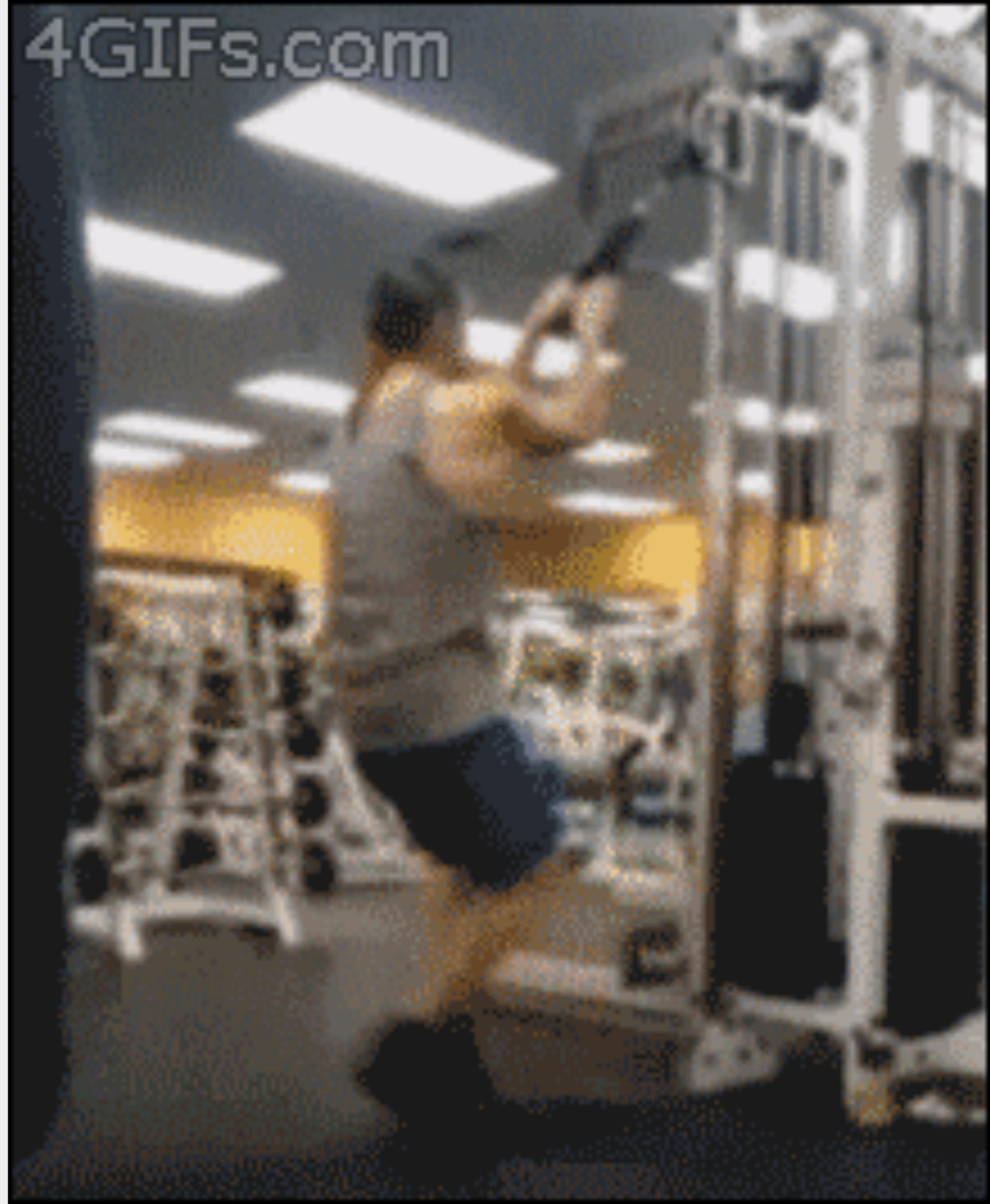
Too sloooooow



Kathy Sierra: Making Badass Developers

I was getting really good at being mediocre.





I was coding in a vacuum.

I wasn't reading or learning from others.

I was trying hard to create cool stuff.
But as I **read** more, the quality of my work
naturally improved.

A List Apart: For People Who

Jefferson

alistapart.com

LISTA



Issue No 419

NEW! MAY 05, 2015

The art of digital conversation.

Building Nonlinear Narratives for the Web

by **SENONGO AKPEN** · 7 Comments

The web operates in ways that can conflict with our traditional view of what a “story” is. Content is chunked, mixed, and spread across channels, devices, and formats. How do we understand story lines, characters, interactions, and the role of the audience, given this information sprawl? Cue nonlinear narratives—Senongo Akpem guides us past basic “scrolly-telling” to immersive, sometimes surprising experiences.

Radial Menu - Pure CSS

kathy sierra - Google Search

Jefferson

codepen.io/Oka/pen/BNjwNz

CODEPEN

Fork

Share

Settings

Editor

HTML (Haml)

View Compiled

```
1 %input#check{:type => "checkbox"}
2 %label.main{:for => 'check'}
3   .title
4     %i.fa.fa-bars
5   .container
6     %a.plate{:href =>
7       'http://codepen.io/Oka/'}
8     %i.fa.fa-codepen
9     %a.plate{:href =>
```

CSS (SCSS)

View Compiled

```
1 @import "bourbon";
2
3 @function c($mn, $mx) {
4   @return max($mn, random($mx));
5 }
6
7 @function rngrgba($min: 0, $max: 255,
8   $alpha: 1) {
9   @return #{rgba(c($min, $max),
```

JavaScript (Traceur)

Tidy

View Compiled

```
1 // JS Random state function, no effect
2   on actual implementation
3
4 ;(function (window, document) {
5   var check, RNG;
6   check =
7     document.getElementById('check');
8   RNG = Math.round(Math.random());
9   check.checked = !!RNG;
```

Collections

Embed

Details

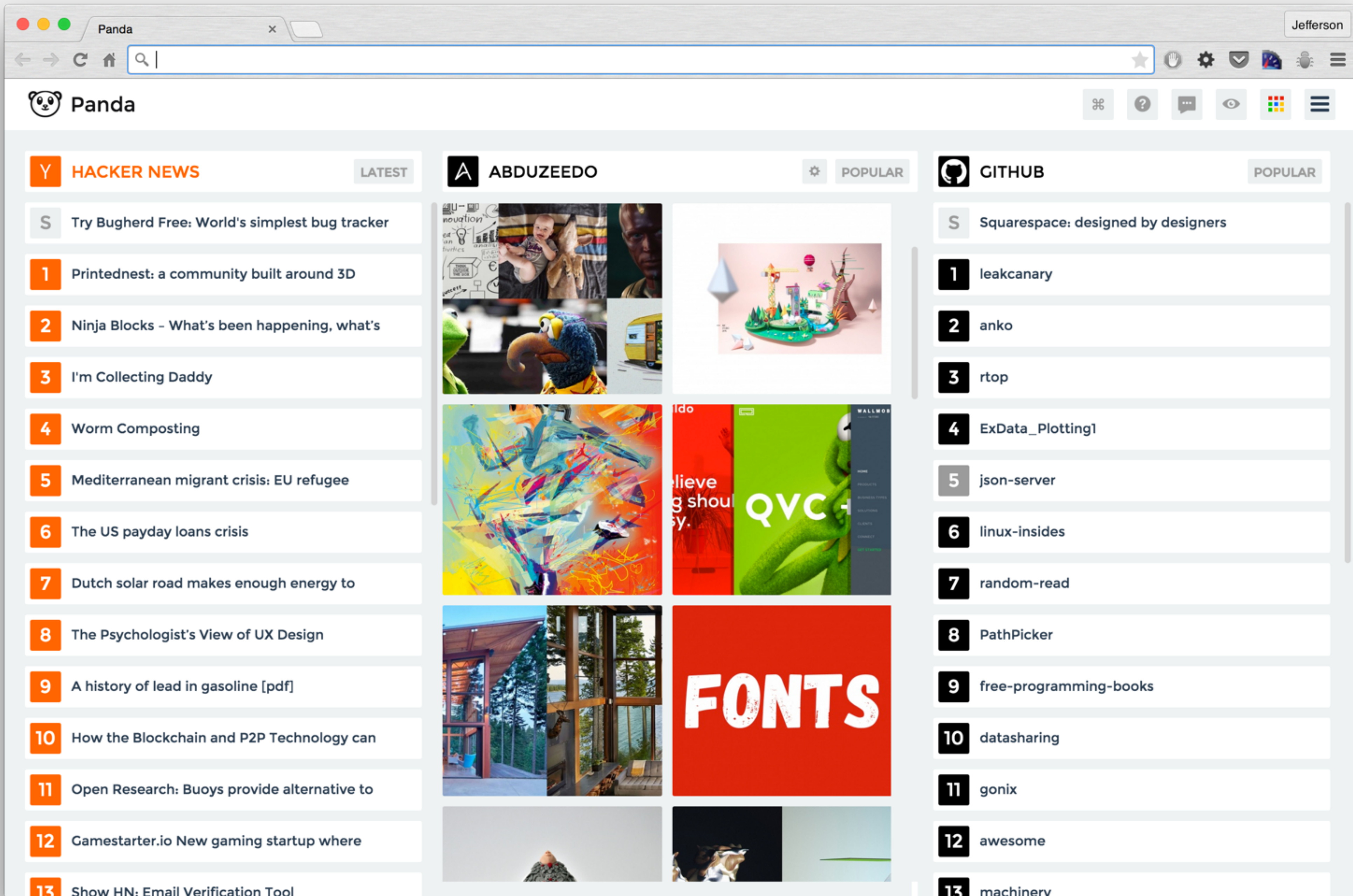
A Pen by Colin Hall-Coates

HTML

CSS

JS





Lesson Learned #6

Learning by doing is great, but don't forget to take in new information. **Read**, and get other people's **feedback**. This will help you stay up-to-date.

Lesson Learned #7

You can only create what you know. Your work is a **direct reflection** of your knowledge.

“Nothing of me is original. I am the combined effort of everybody I’ve ever known.”

- Chuck Palahniuk, *Invisible Monsters*

**WHAT HAVE I
ACHIEVED?**

My Github
activity blew up.

Repos

~2 → 18

Streak

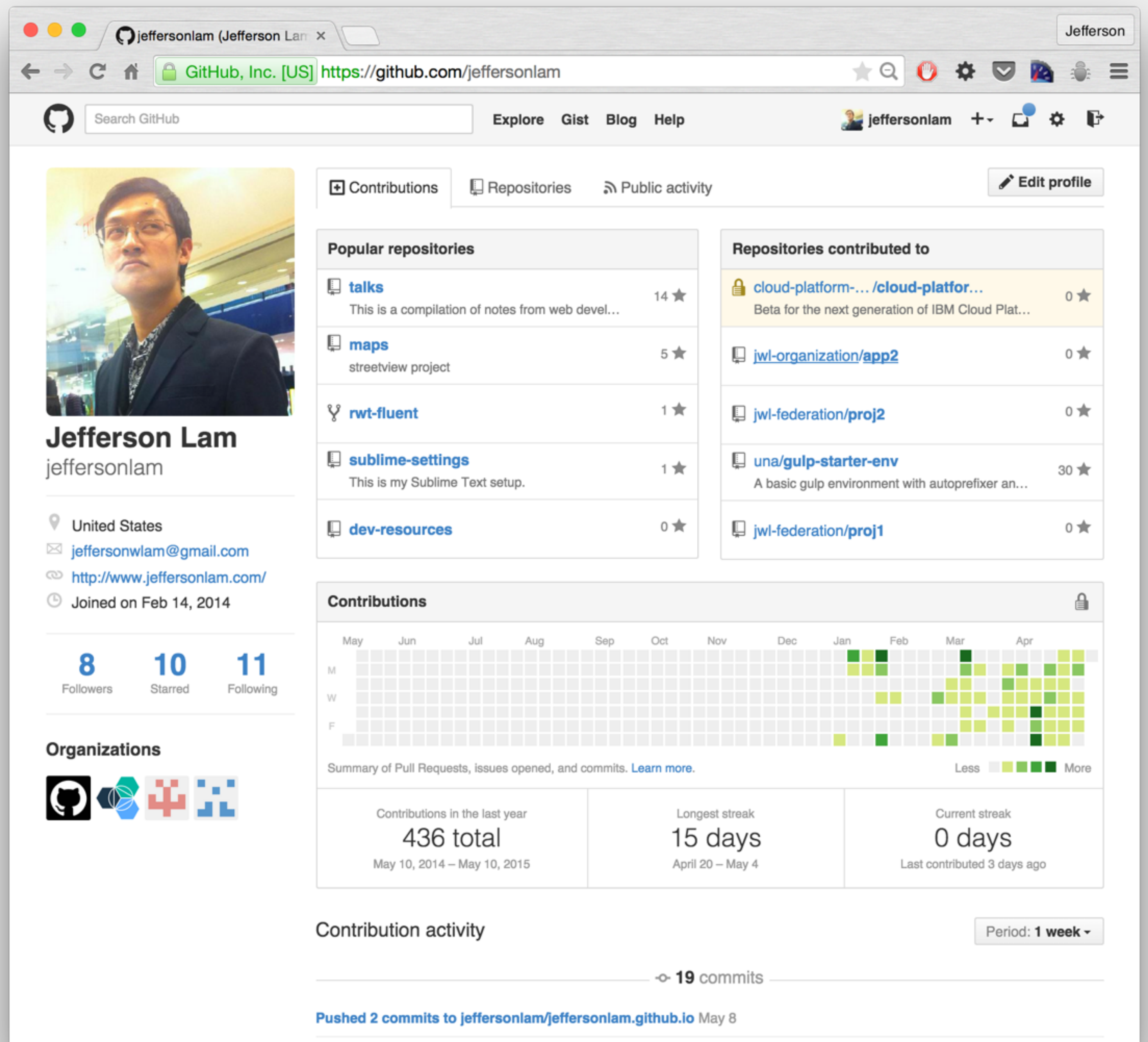
~2 → 15

Contributions

0 → 436

Pull Requests

0 → 2



I started using
Twitter more.

Followers

~12 → 59

Tweets

~10 → 85

The screenshot shows the Twitter profile of Jefferson Lam (@jeffersonwlam). The browser address bar displays the URL <https://twitter.com/jeffersonwlam>. The navigation bar includes links for Home, Notifications, and Messages, along with a search bar and a 'Search Twitter' button. The profile header features a colorful, abstract background image and a profile picture of Jefferson Lam. Below the profile picture, the statistics are listed: 85 TWEETS, 120 FOLLOWING, 59 FOLLOWERS, and 81 FAVORITES. An 'Edit profile' button is located to the right of these statistics. The bio section identifies Jefferson Lam as a 'Front end dev @IBMDesign' from 'Austin, TX', with a link to 'jefferson.im' and a note that he 'Joined February 2010'. A section titled '9 Photos and videos' shows a grid of images, including a Ruby logo and a commit history. The main content area displays two tweets: one retweeted by Jefferson Lam from Jad Abumrad (@JadAbumrad) dated May 3, and another retweeted from Roman Mars (@romanmars) dated May 1. The bottom of the page includes a 'Who to follow' section with links for 'Refresh' and 'View all'.

Jefferson Lam (@jeffersonwlam)

85 TWEETS 120 FOLLOWING 59 FOLLOWERS 81 FAVORITES

Edit profile

Jefferson Lam
@jeffersonwlam

Lover of all things interactive. Video games, music, and programming make up my life. Front end dev @IBMDesign.

Austin, TX
jefferson.im
Joined February 2010

9 Photos and videos

Who to follow · Refresh · View all

Jefferson Lam retweeted
Jad Abumrad @JadAbumrad · May 3
After 7 years of waiting, Robert Krulwich today finally confirmed my Facebook friend request!

Jefferson Lam retweeted
Roman Mars @romanmars · May 1
The @SlackHQ couch

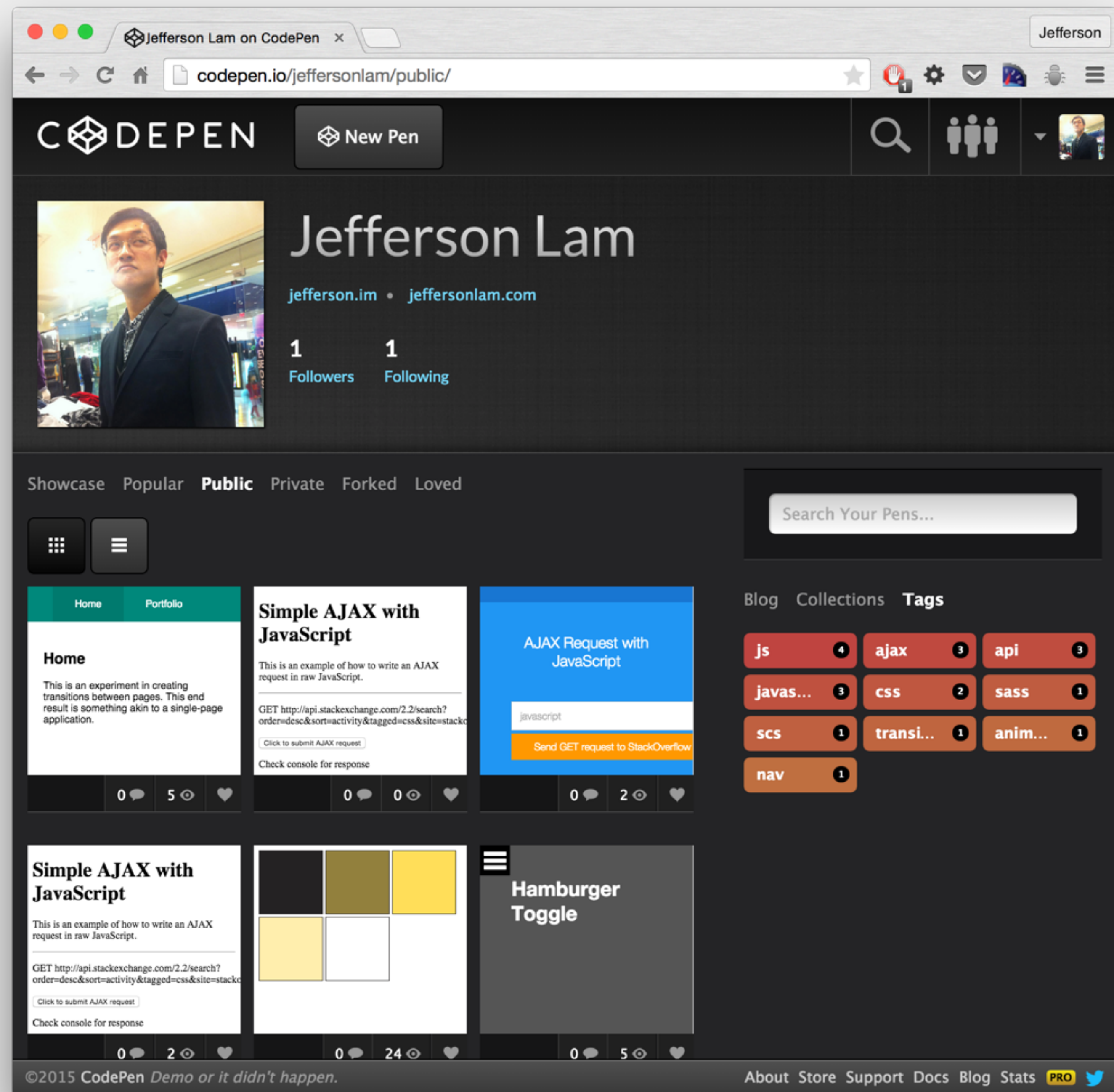
I started using
CodePen.

Projects

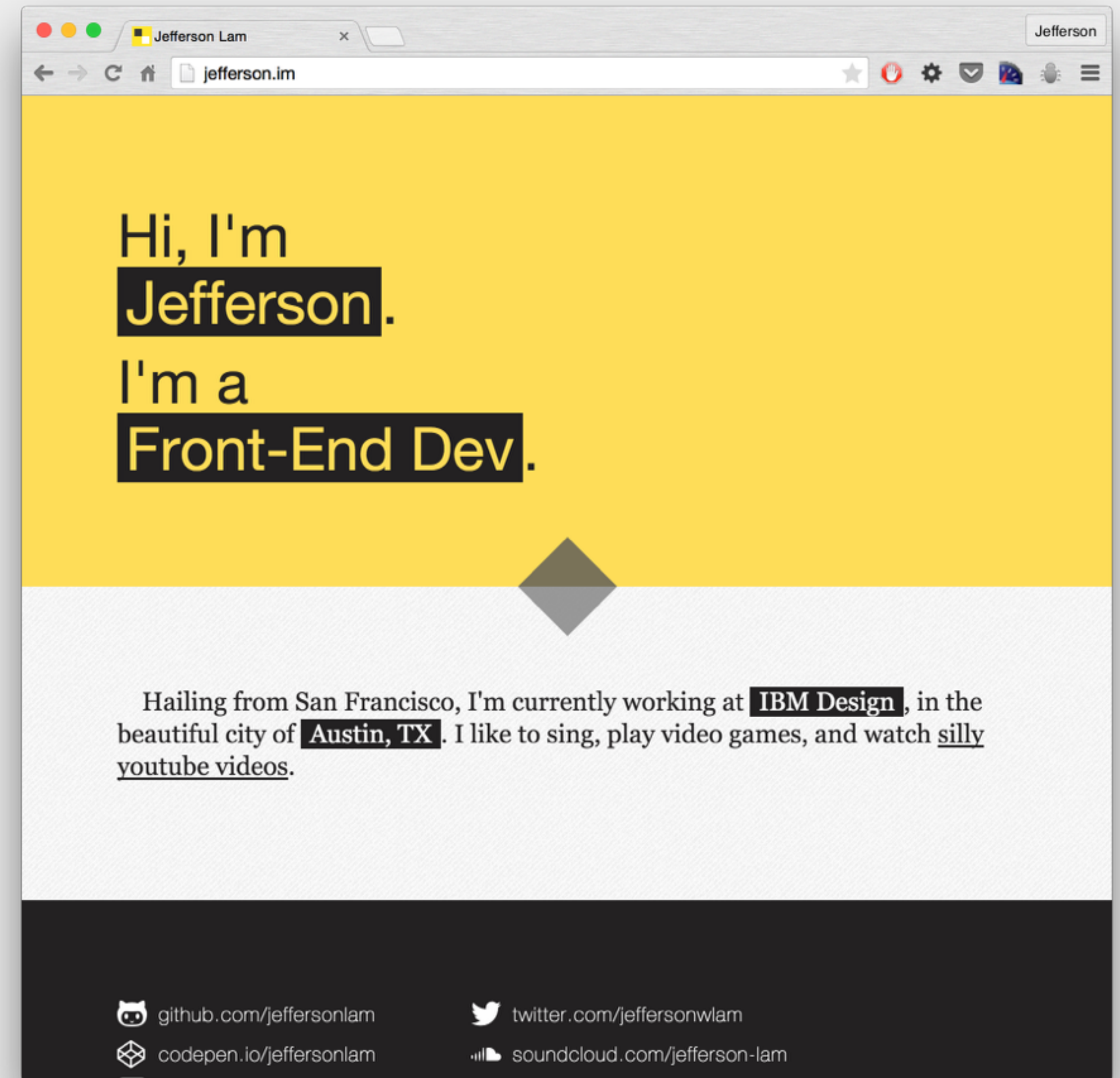
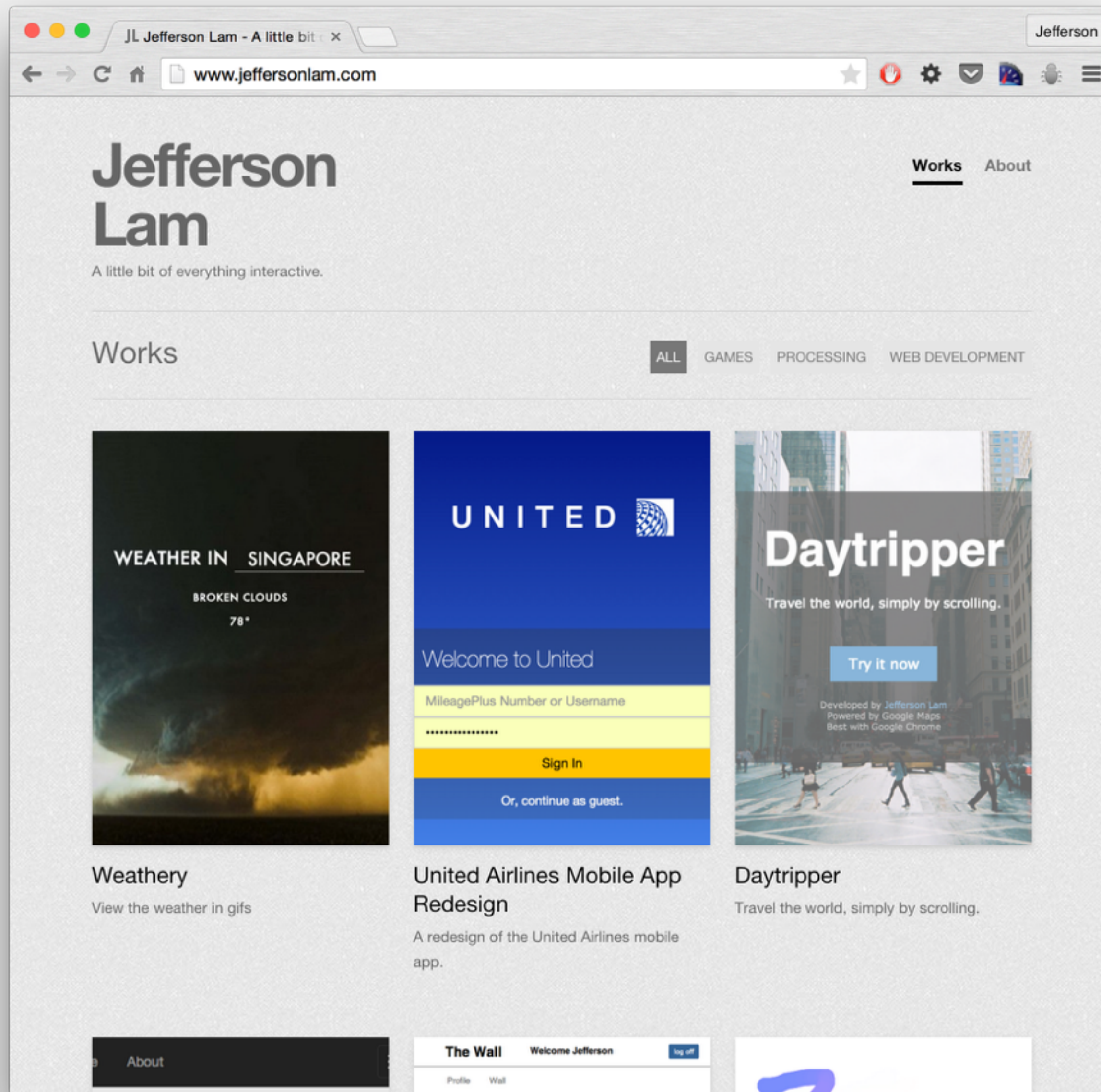
0 → ~6

Followers

0 → 1



I started redesigning my website.



I have a ton more
dev stickers and
t-shirts.



I've done 2 talks.
This is my 3rd.



I've started
working out more.



I've developed more of a toolkit.

- Gulp
- Sass
- Linters
- Normalizer
- Reset
- Pesticide
- Sublime Settings
- Codepen

FOLDERS

- ▼ gitpages
 - ▶ css
 - ▶ img
 - ▶ js
 - ▶ node_modules
 - ▶ scss
 - .gitignore
 - .jshintrc
 - .scss-lint.yml
 - CNAME
 - gulpfile.js
 - index.html
 - package.json
 - README.md
- ▶ fifty-two

```
index.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1">
6   <title>Jefferson Lam</title>
7   <link rel="stylesheet" href="css/main.min.css">
8   <link rel="icon" type="image/png" href="./img/min/favicon.ico">
9 </head>
10 <body>
11   <!-- <div class="hamburger">
12     <div></div>
13     <div></div>
14     <div></div>
15   </div> -->
16 <div class="container">
17   <section class="hero">
18     <div class="content">
19       <h1>Hi, I'm<br/><span class="highlight-bg">Jefferson</span>.<b
20       <h1>I'm a<br/><span class="highlight-bg">Front-End Dev</span>.</b
21     </div>
22     <div class="logo" onclick="toggleColors()" unselectable='on' ons
23   </section>
24   <section class="about">
25     <div class="content">
26       <h2>Hailing from San Francisco, I'm currently working at <span
27     </div>
28   </section>
29   <footer>
30     <div class="content">
31       <div class="row">
32         <a href="http://github.com/jeffersonlam">
33           <span class="icon icon-github3"></span>
34           <span class="url">github.com/jeffersonlam</span>
35         </a>
36         <a href="http://twitter.com/jeffersonwlam">
37           <span class="icon icon-twitter"></span>
38           <span class="url">twitter.com/jeffersonwlam</span>
39         </a>
40       </div>
41     </div>
42   </div>
43 </body>
44 </html>
```

My New Favorite Resources:

- Github (other people's repos)
- Codepen
- Twitter
- Panda
- Medium
- A List Apart
- HackReactor YouTube Channel
- The FED interview question list
 - <http://h5bp.github.io/Front-end-Developer-Interview-Questions/>

**LOOKING
FORWARD**

Looking forward, I am going to...

- Read more
- Teach more
- Start blogging
- Pair program more
- CodePen everything
- Ask for feedback more
- Answer all the FED interview questions

in closing

Most days feel like failure days.

But the fact that I've taken any steps forward means I've made progress, and that is a success in and of itself.

It's not easy to become an expert. The important thing is to keep pushing forward, intelligently. *Keep coding.*

Lesson Learned #8

Just keep coding.

Thank you!

Jefferson Lam
May 11th, 2015