

Hi, I'm @mijustin 🙌

Startup: *transistor.fm*

Podcast: *Build your SaaS*

Blog: *justinjackson.ca*

 How many people here are in their...

 How many people here are in their...

- **Teens?**

 How many people here are in their...

- Teens

- **20s?**

 How many people here are in their...

- Teens
- 20s
- **30s?**

 How many people here are in their...

- Teens
- 20s
- 30s
- **40s?**

 How many people here are in their...

- Teens
- 20s
- 30s
- 40s
- **50s?**



 How many people here are in their...

- Teens
- 20s
- 30s
- 40s
- 50s
- **60s?**

 How many people here are in their...

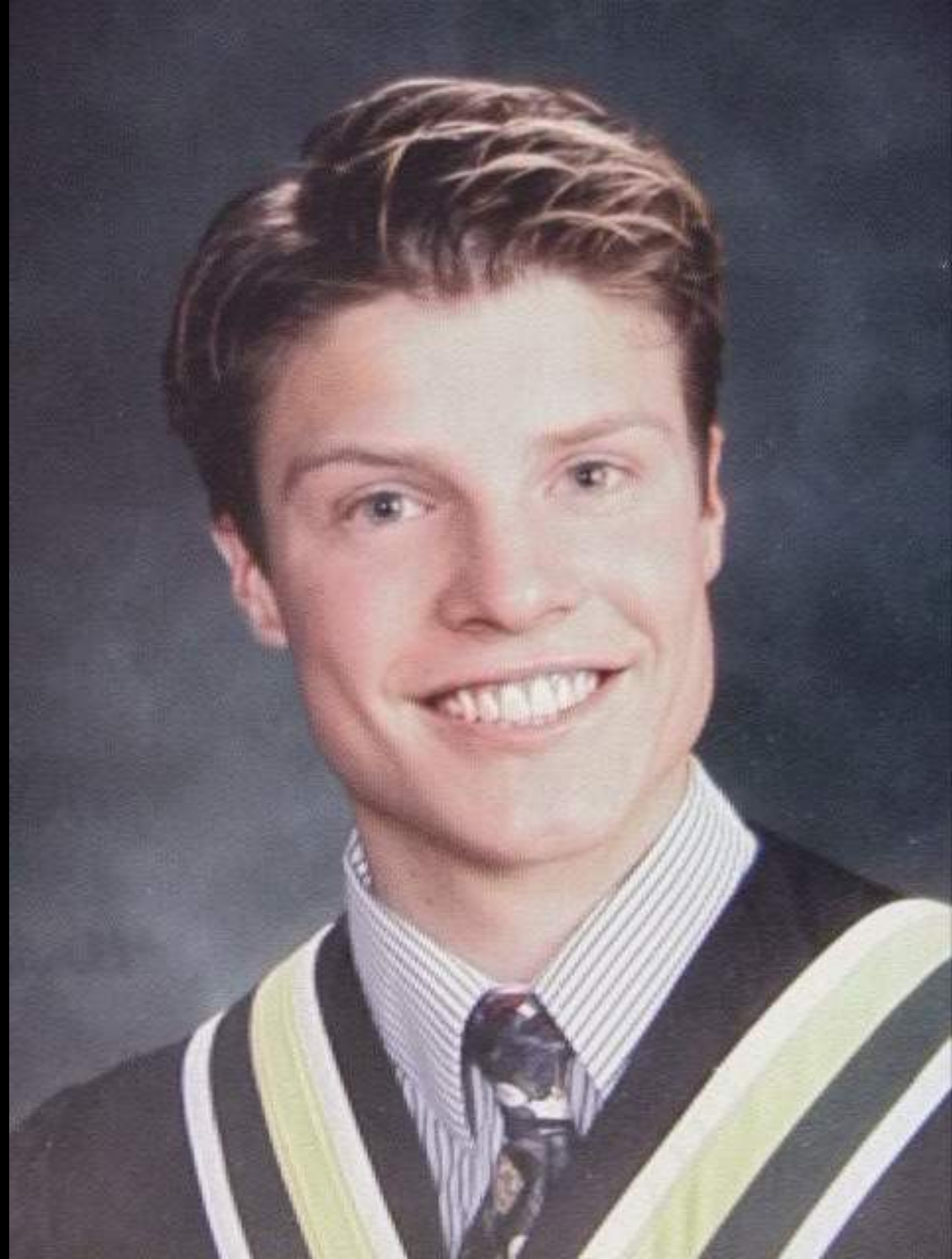
- Teens
- 20s
- 30s
- 40s
- 50s
- 60s
- **70s?**

 How many people here are in their...

- Teens
- 20s
- 30s
- 40s
- 50s
- 60s
- 70s
- **80s+?**

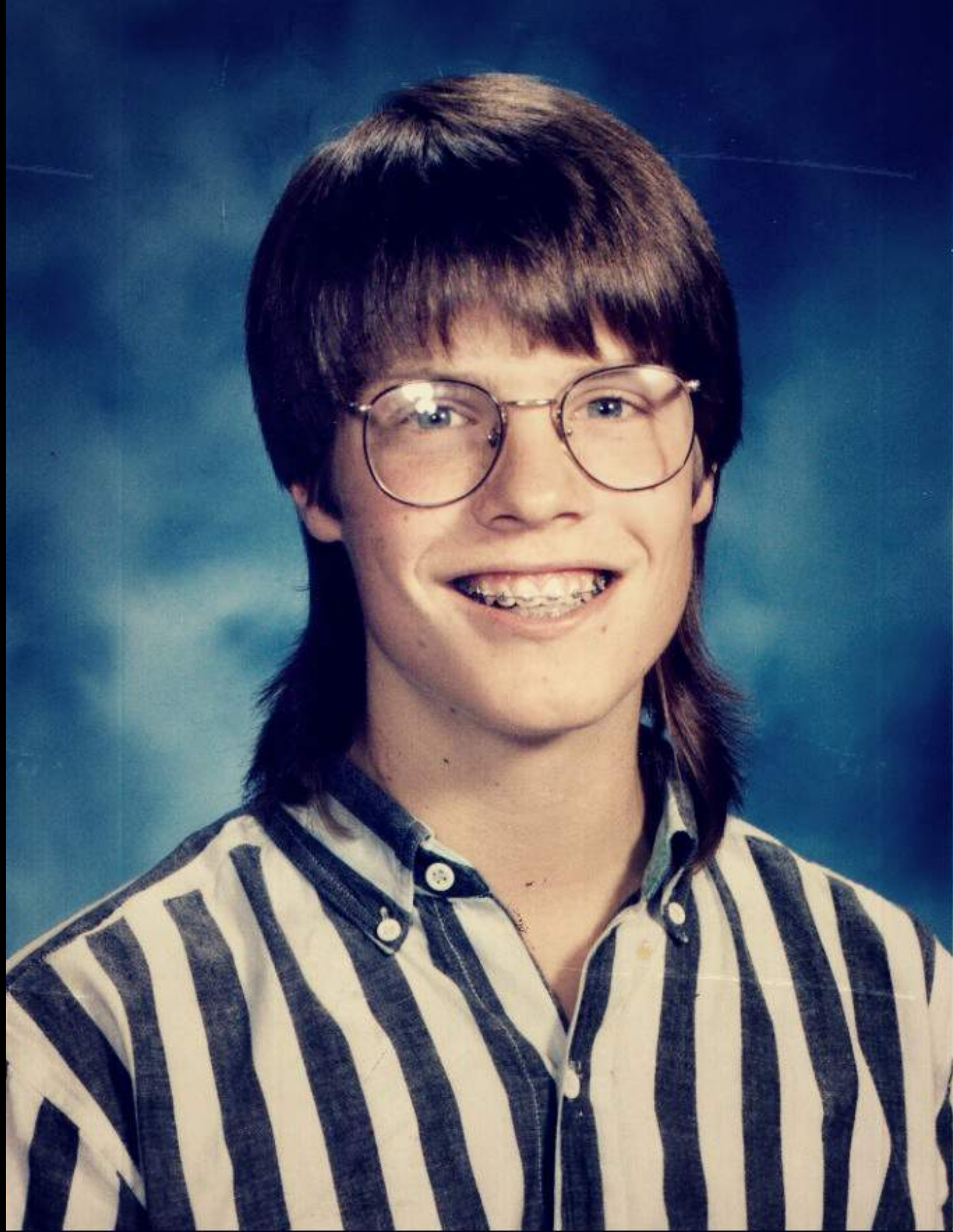
Born: **1980**

Age: **39**

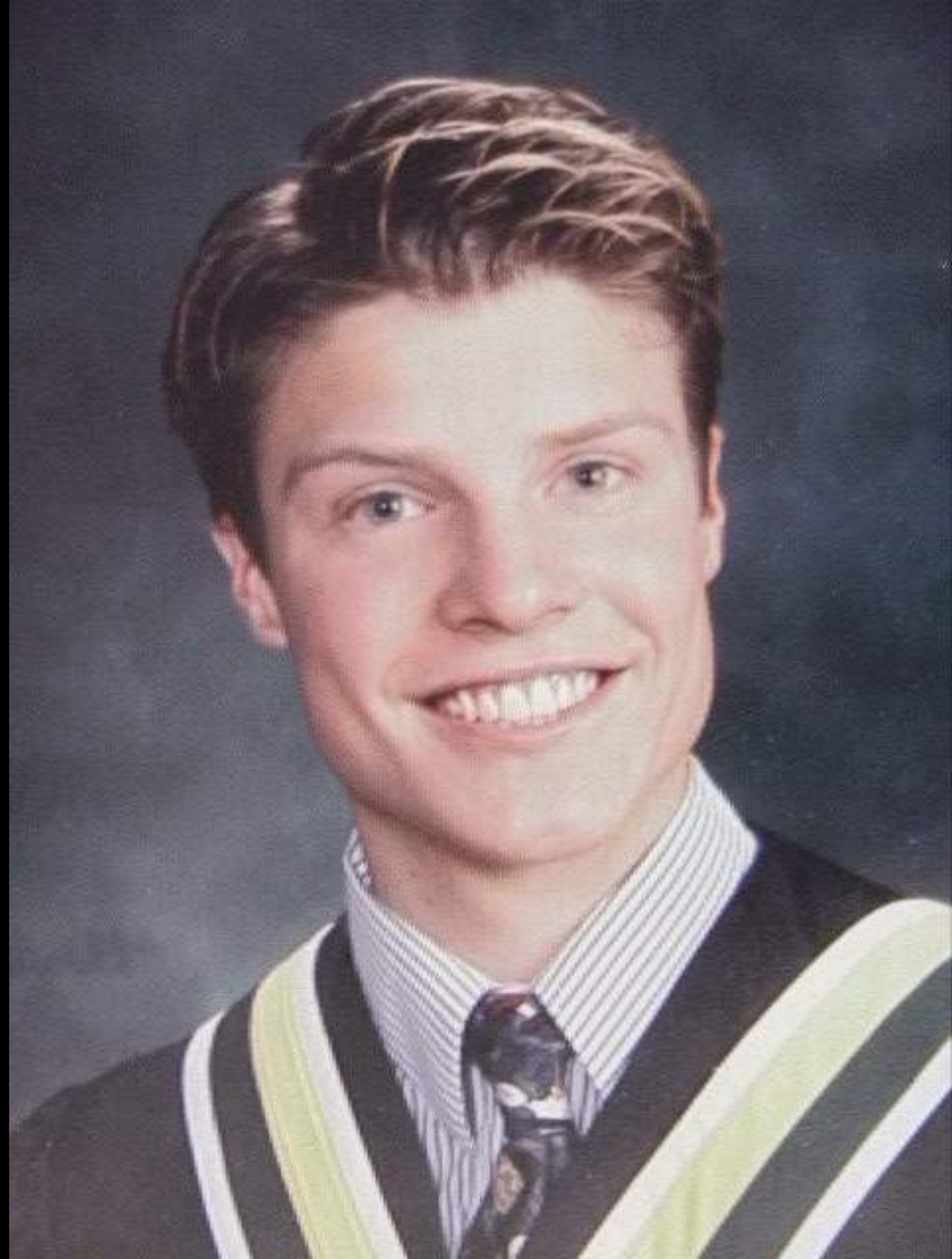


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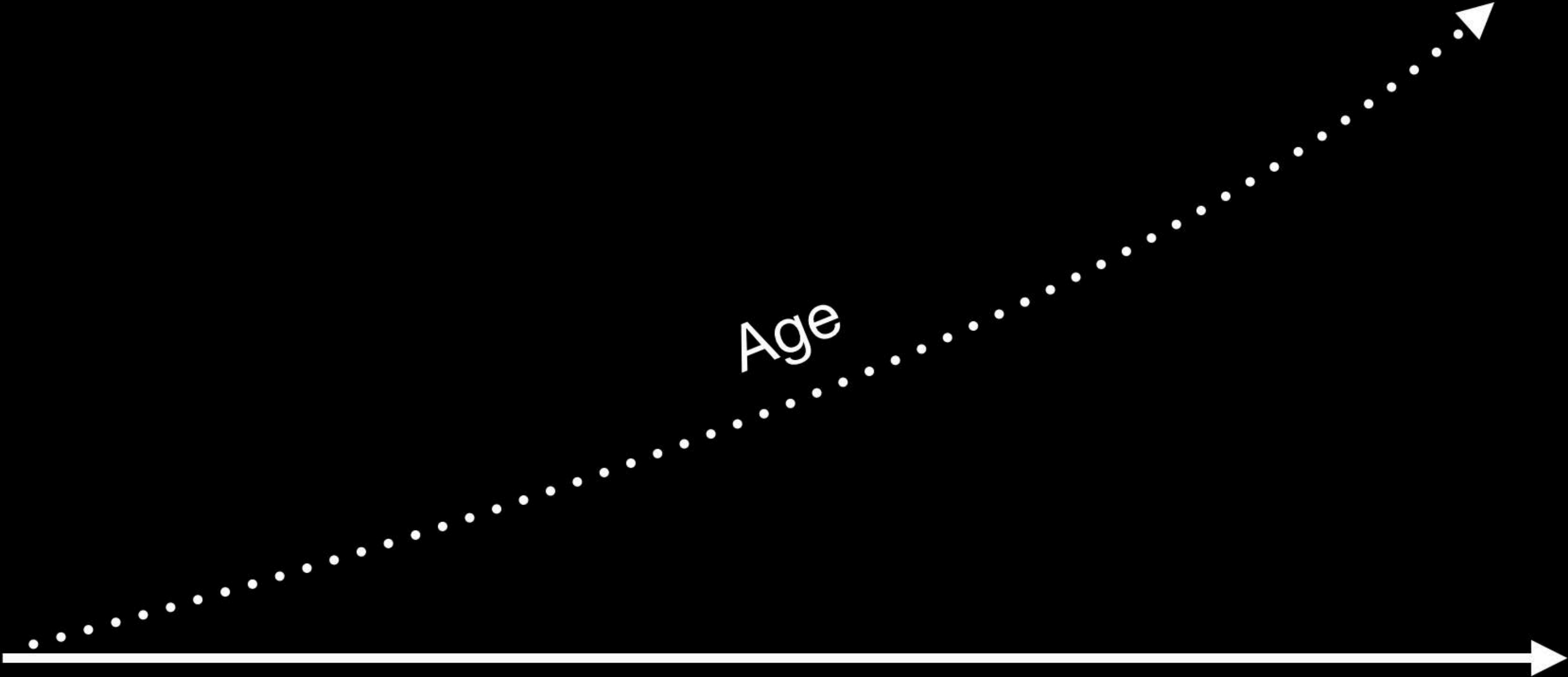


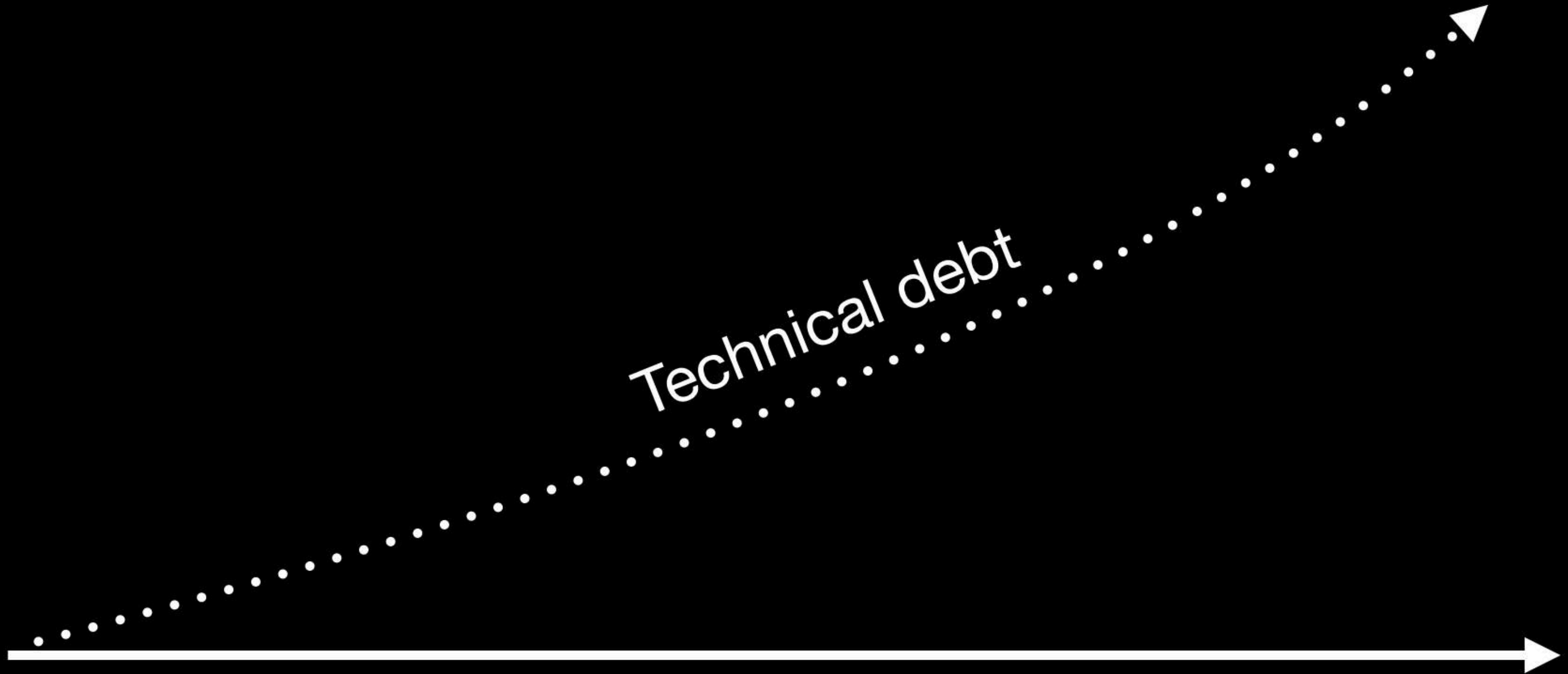
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Technical debt

Time

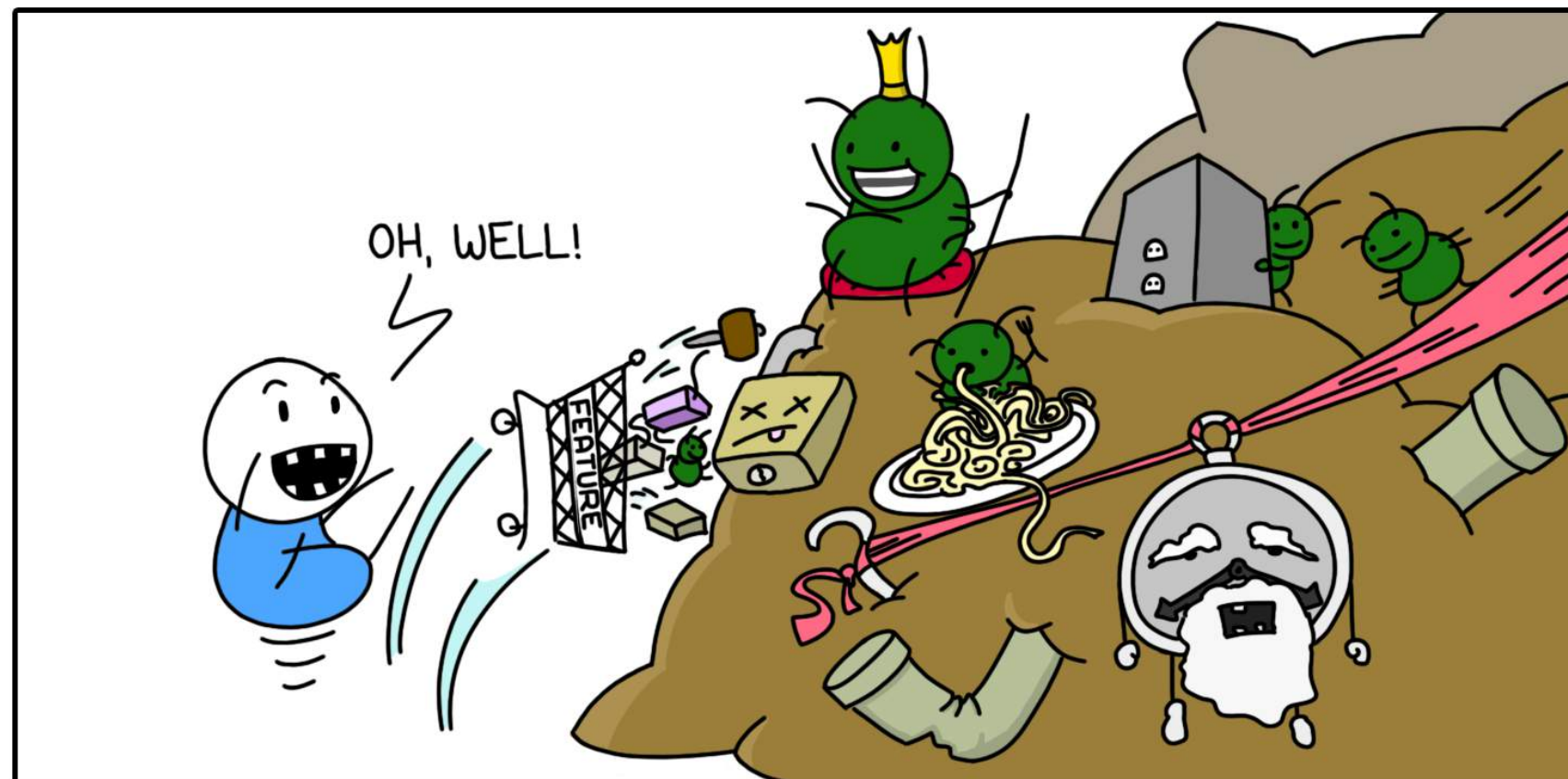
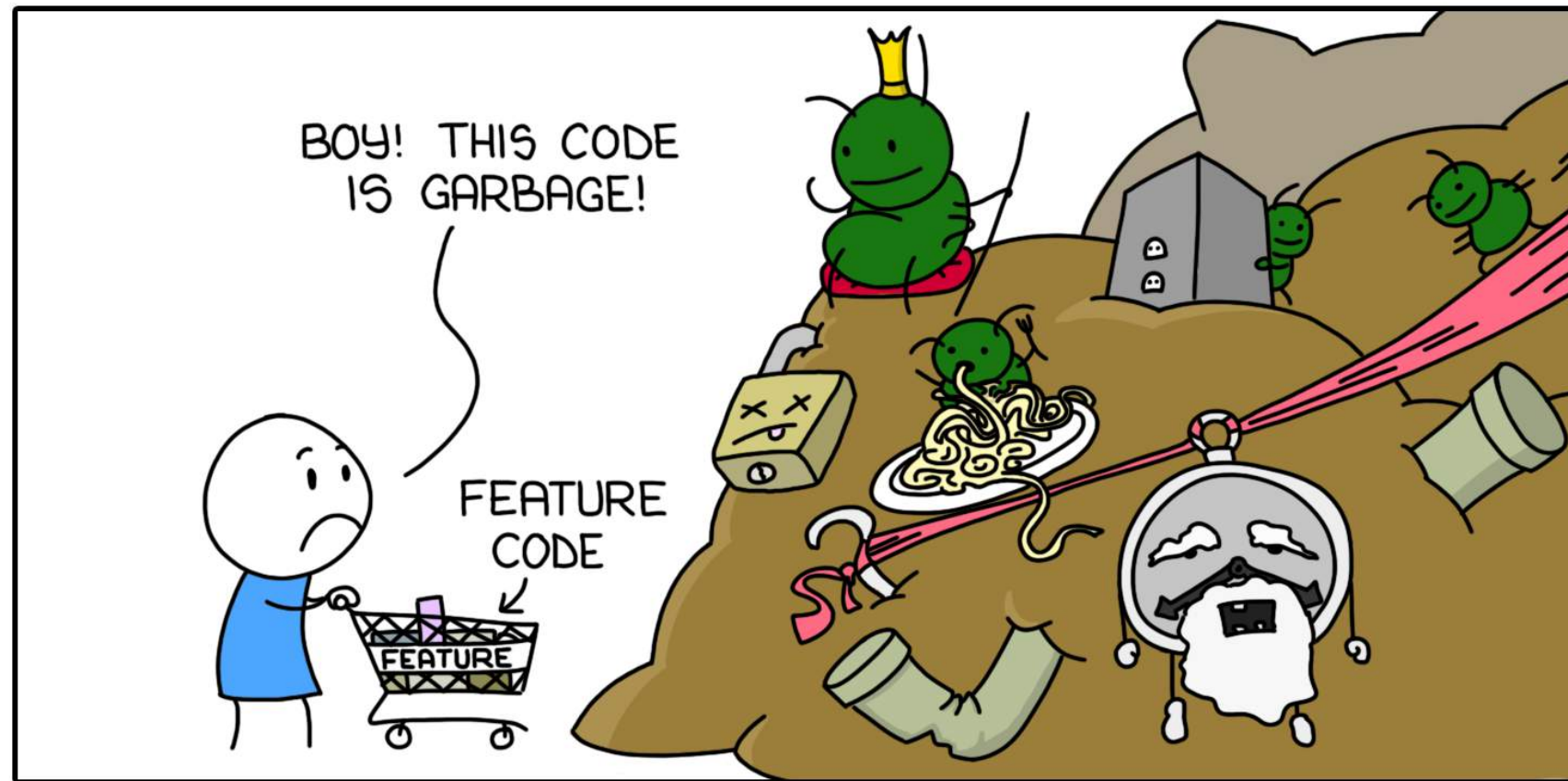
*Software projects go through many modifications over their lifetime. The code grows in size and complexity creeps in. Developers add new functionality in a 'quick and dirty' manner and apply duct-tape to defects. The code quality suffers and deteriorates. After a while, things start to get really bad. The software becomes so complex and buggy, that it is virtually impossible to maintain.*

— Umer Mansoor, @codeahoy

*Human beings go through many modifications over their lifetime. As they grow, complexity creeps in. Humans add new functionality in a 'quick and dirty' manner and apply duct-tape to their defects. As a result, their quality of life suffers and deteriorates. After a while, things start to get really bad. Their lives become so complex and buggy, that they're virtually impossible to maintain.*

— Justin Jackson

# CODE ENTROPY



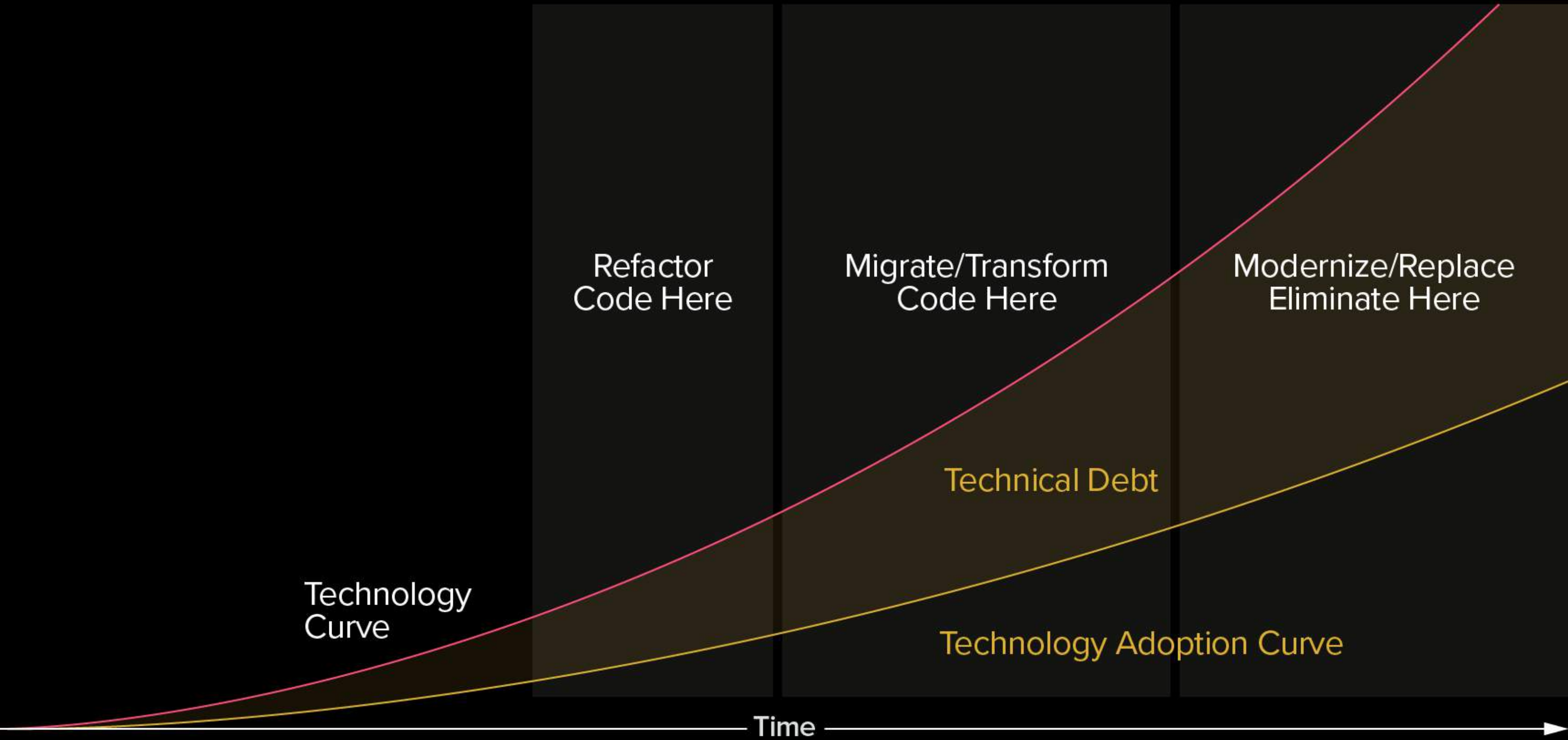
```
foo@bar:~$ npm install college
```

```
npm-college-driver:enroll  
npm ERR! 404 Funds not found
```

```
foo@bar:~$ npm install career
```

```
npm-job:application  
npm ERR! 404 Application denied  
npm ERR! 404 Application denied  
npm ERR! 404 Application denied  
success Job application accepted
```





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Source: Morphis







CHICAGO, IL  
**LARACON**  
July 25 - 26 2018

@mijustin



We're here because we want our lives to be better.





**Miguel Piedrafita** 

@m1guelpf



People I want to be like when I grow up:

- @taylorotwell
- @adamwathan
- @steveschoger
- @freakmurze
- @stauffermatt
- @mijustin

Thank you guys for inspiring me and for your awesome work in teaching and helping others!

 48 1:48 PM - Feb 23, 2018

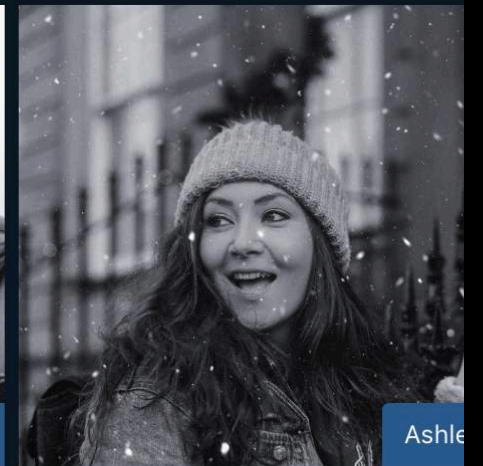






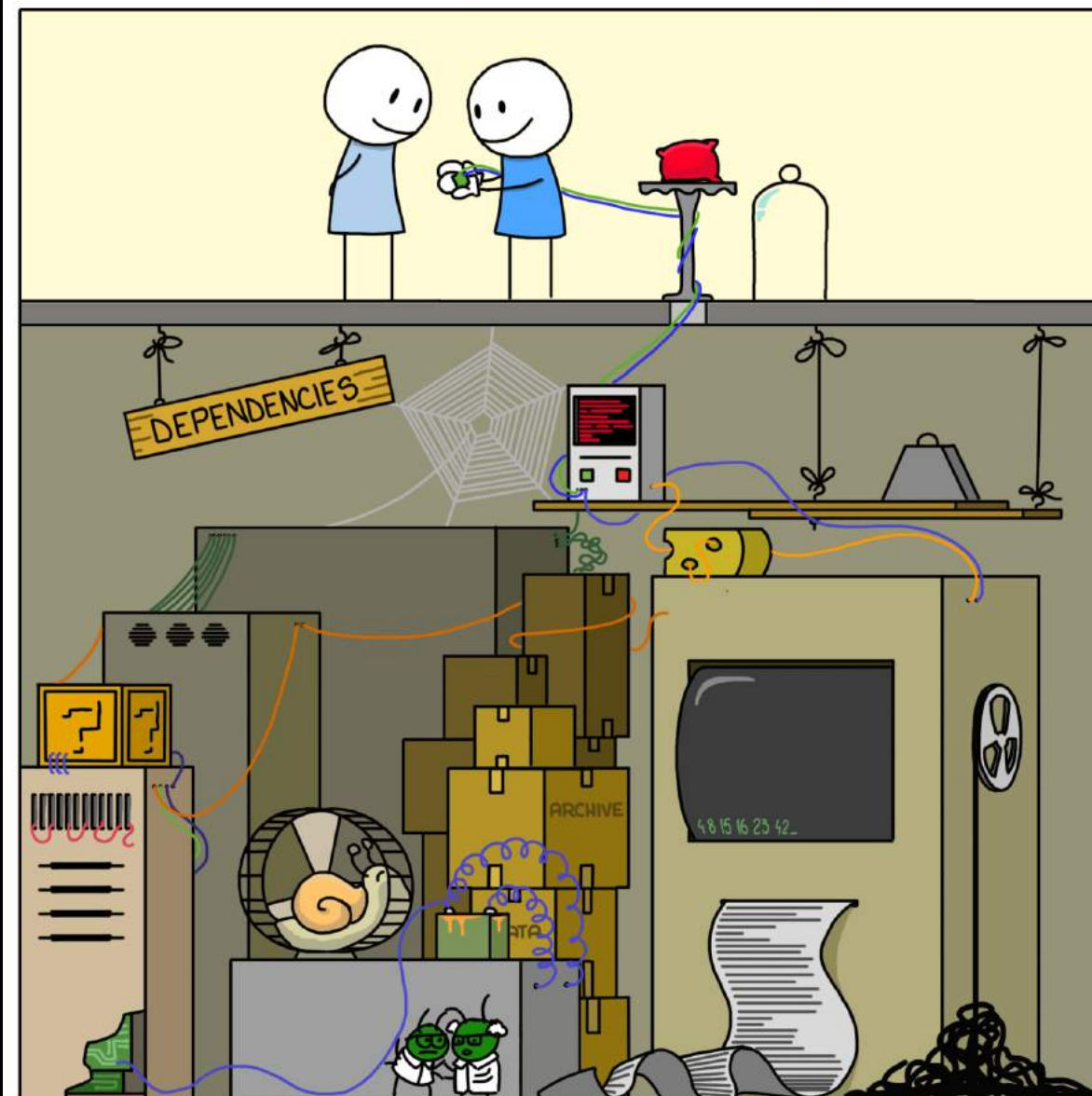
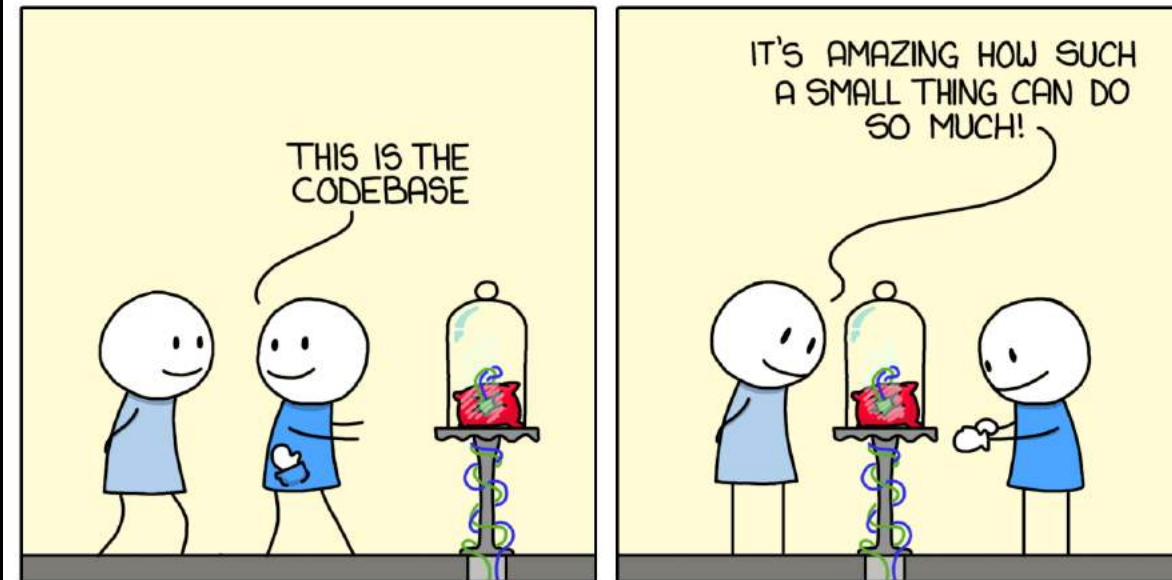
# Who uses Transistor for their podcast?

Creatives, businesses, and professional podcasters from around the world trust Transistor with their audio hosting and analytics.





# IMPLEMENTATION



*The psychological baggage we carry with us, if it's left unexamined, can lead us into destructive behaviors.*

— Jerry Colonna

Our psyche is the computer that runs our lives.

It's important for us to **pay down our mental technical debt.**

David Hemphill's format for a good talk:

*Here's some interesting problems I've had to solve, and how I solved them.*





*Here are some psychological problems I've had to face, and a few ideas on how to solve them.*



*"People evaluate their value by comparing themselves to their peers."*

— Leon Festinger (paraphrased)



acid underworld

bs



• @mijustin Guarding the gates of the Underworld is Cerberus the 3 headed dog.

acid underworld | Telnet | Connected: 00:00:21 | ALT-Z for menu



**Group Selection (news.bu.edu 24791)**

h=help

u	849	alt.binaries.dominion.troll	
u	850	alt.binaries.doom	
u	851	alt.binaries.dragonz	
u	852	alt.binaries.dragonz.chimerical	?
u	853	alt.binaries.dragonz.elusive	
u	854	alt.binaries.dragonz.ephemeral	
u	855	alt.binaries.drew-barrymore	?
<b>u</b>	<b>856</b>	<b>alt.binaries.drwho</b>	
u	857	alt.binaries.drwho.pictures	?
u	858	alt.binaries.e-book	?
u	859	alt.binaries.education.distance	?
u	860	alt.binaries.electric-veh	(MODERATED) Files related t
u	861	alt.binaries.emulators	
u	862	alt.binaries.emulators.amiga	Amiga emulation binaries.
u	863	alt.binaries.emulators.arcade	Arcade video systems and the
u	864	alt.binaries.emulators.cbm	

<n>=set current to n, TAB=next unread, /=search pattern, c)atchup,  
g)oto, j=line down, k=line up, h)elp, m)ove, q)uit, r=toggle all/unread,  
s)ubscribe, S)ub pattern, u)unsubscribe, U)nsu pattern, y)ank in/out



GROUND ZERO PRESENTS

# ATOMIC



Friday March 6th 1999

@mijustin

GROUND ZERO PRESENTS

# FREE STYLLE



FRIDAY, JULY 9th, 1999

Stony Plain Community Center

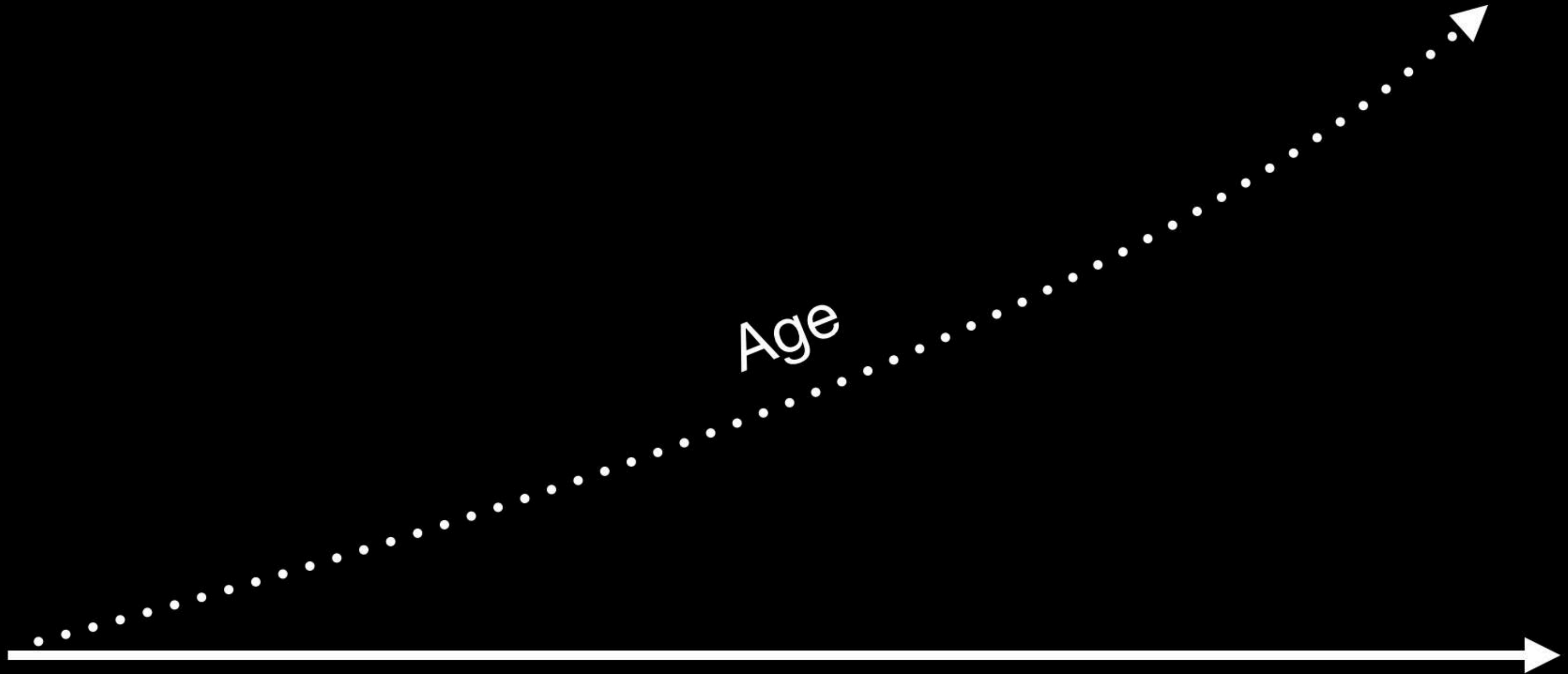












**Time**

**Age**

# Email

I'm 47 and I'm kind of freaked out that I am close to my professional peak.

I'm still in the trenches as a senior developer.

I'm not a team leader or manager of any kind.

I'm coming to that age where it's harder to keep up with the younger devs.

# What's the hardest part of being older in tech?

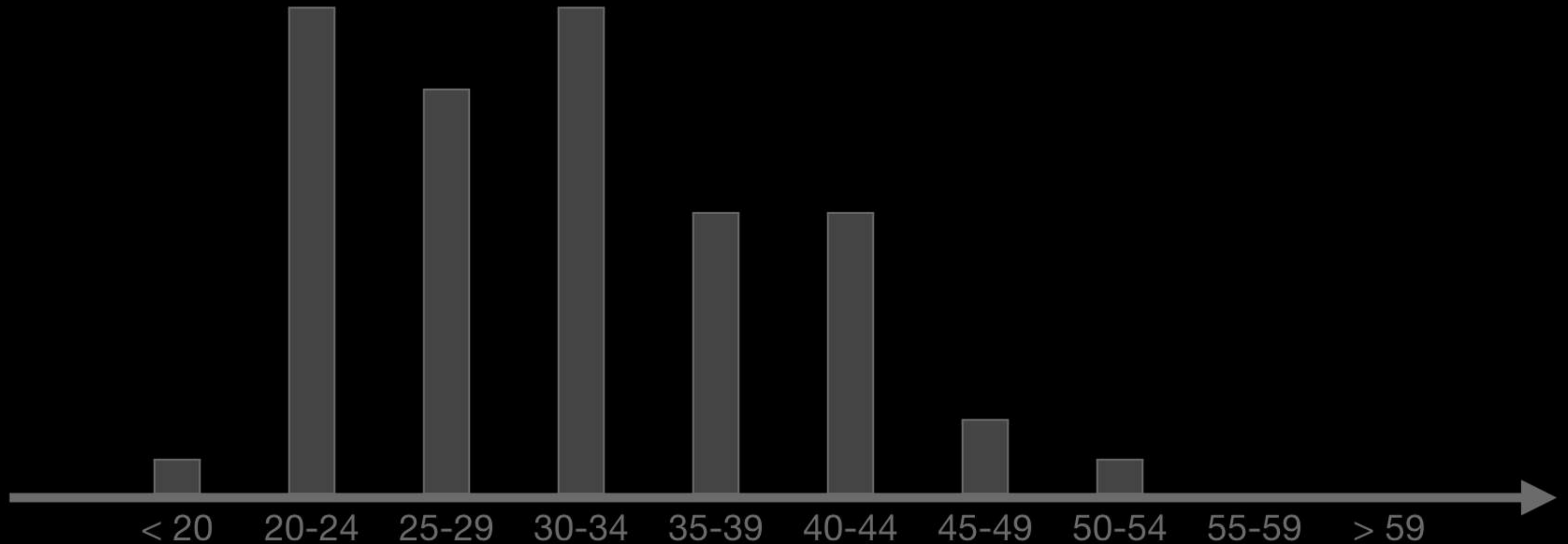
I KNOW WHAT I'M  
TALKING ABOUT. I  
HAVE THIRTY YEARS  
IN THIS INDUSTRY!



Dilbert.com DilbertCartoonist@gmail.com



# At what age do startup founders get their funding?<sup>1</sup>



<sup>1</sup> [hbr.org/2014/04/how-old-are-silicon-valleys-top-founders-heres-the-data](http://hbr.org/2014/04/how-old-are-silicon-valleys-top-founders-heres-the-data)

ASOK, THIS IS ALBERT.  
HE'S OLD BUT WE NEED  
TO CALL HIM MATURE.



scottadams@aol.com

www.dilbert.com

EXPLAIN TO HIM  
WHAT THE COMPUTERS  
ARE, BUT DON'T LET HIM  
TOUCH ANYTHING. THE  
ELDERLY LIKE TO FIDDLE.



11-24-06 © 2006 Scott Adams, Inc./Dist. by UFS, Inc.

I WAS  
A CHIP  
DESIGNER  
IN MY  
LAST JOB.



REALLY?  
CHOCO-  
LATE OR  
POKER?



RYAN TATE BUSINESS 03.25.13 05:15 PM

# YAHOO BUYS COOLNESS FROM TEENAGER FOR \$30M

SHARE



SHARE



TWEET



COMMENT



EMAIL

Summly  /VIMEO

THERE'S NO LOGICAL explanation for Yahoo's reported \$30 million acquisition of Summly, an app created by a 17-year-old Brit that launched five months ago. The team and technology are unexceptional and the app itself will be shut down. What Yahoo really gets for its big check is momentum and buzz.

In other words, Yahoo bought Summly to appear cool again.

Yahoo was last cool in approximately the mid 1990s. It has been attempting comebacks ever since. Its best

 @mijustin



The older I get, the more worried I become.

It feels like I've been struggling for a long time.

It's been one startup failure after another.

It feels like everyone is moving ahead whereas I'm being left behind.

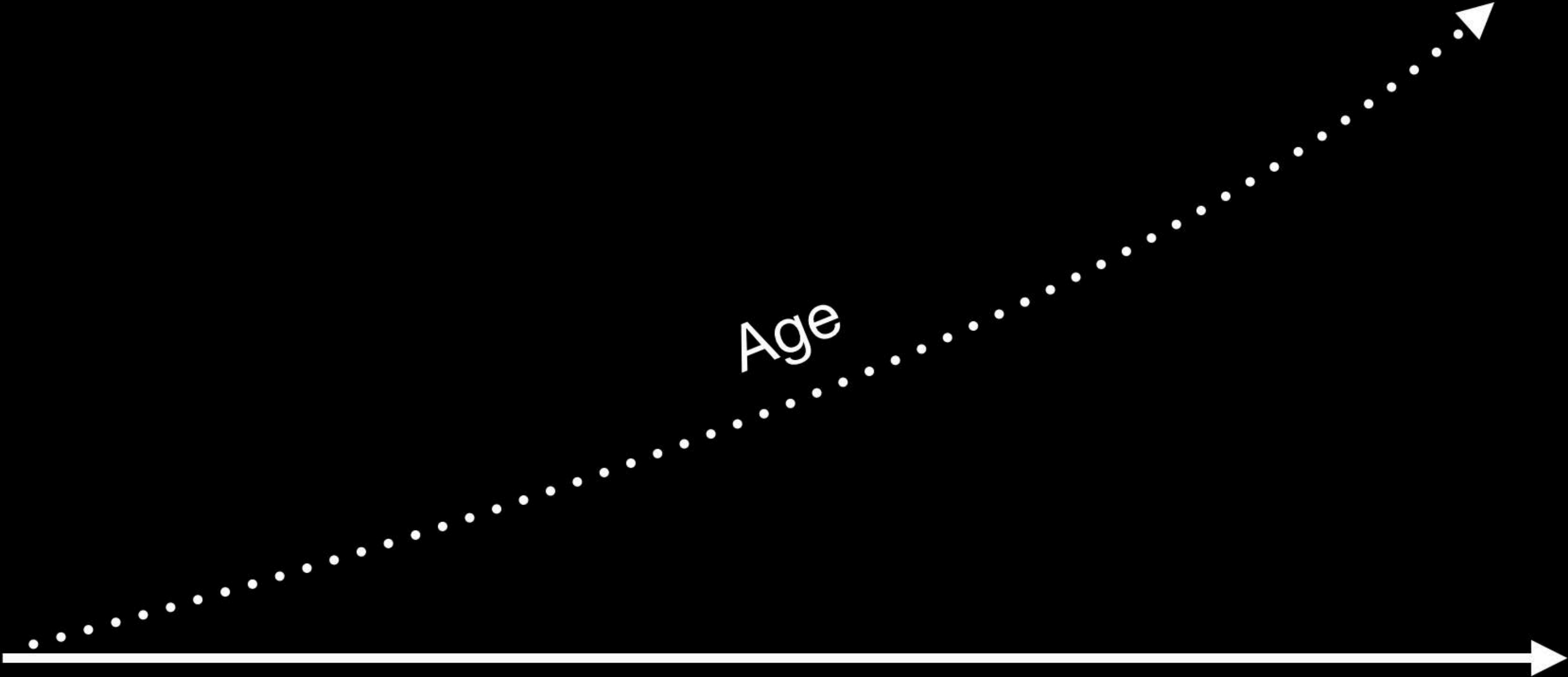


*"I thought I'd be further along by  
now."*











*"It's never going to happen for me."*



*"Bitterness follows unwanted experiences—failures, disappointment, setbacks—that are perceived to be beyond one's control."*

— Hans Villarica, *The Atlantic*

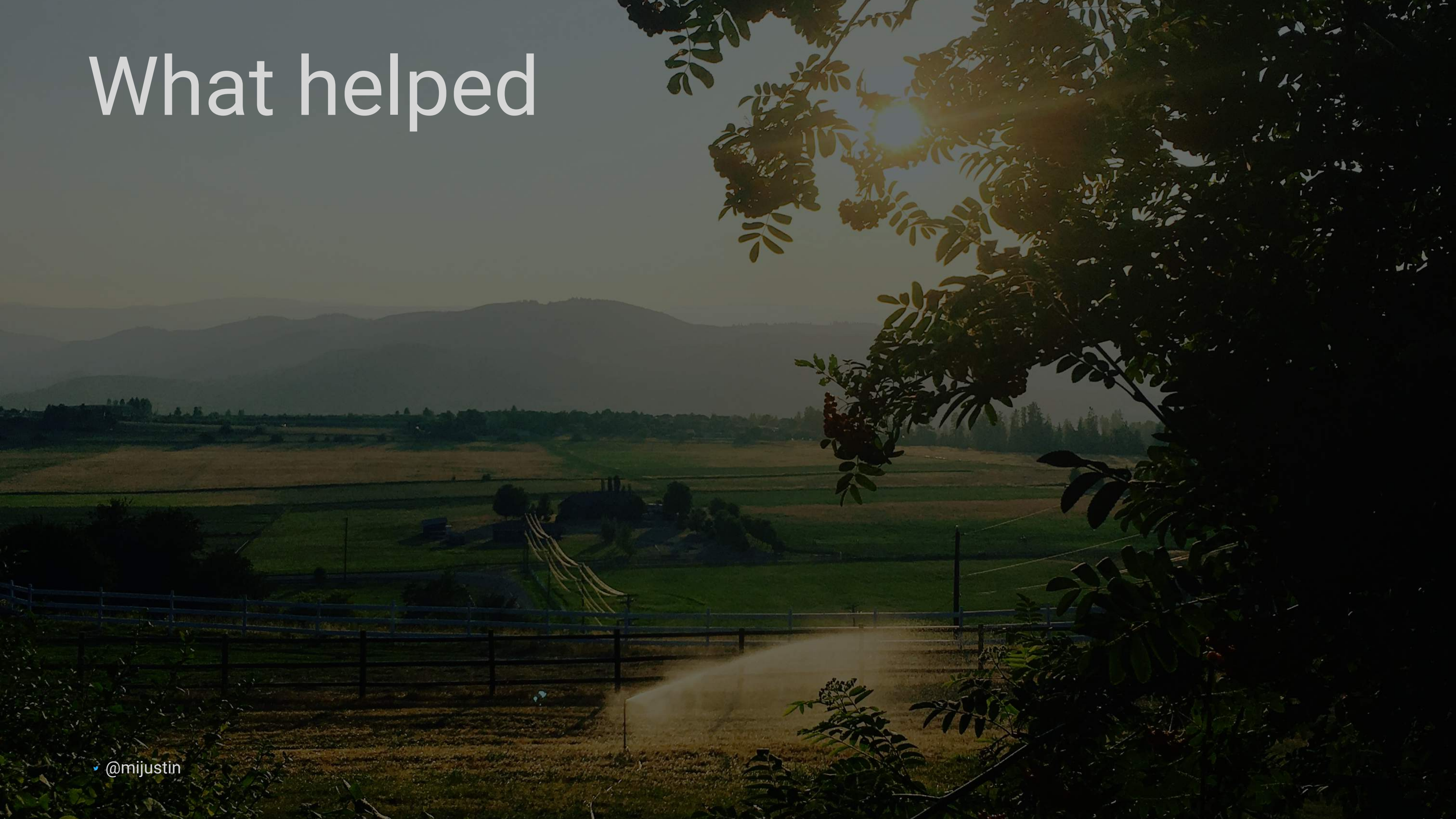
*"F\*ck it"*



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# What helped





1. Get professional help
2. Assume ownership for your life
3. Do things, repeatedly, that are good for you and others
4. Get rid of bad habits
5. Lose the ego

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Please enter your name ...Justin

HELLO JUSTIN, MY NAME IS DOCTOR SBAITSO.

I AM HERE TO HELP YOU.

SAY WHATEVER IS IN YOUR MIND FREELY,

OUR CONVERSATION WILL BE KEPT IN STRICT CONFIDENCE.

MEMORY CONTENTS WILL BE WIPED OFF AFTER YOU LEAVE,

SO, TELL ME ABOUT YOUR PROBLEMS.

>It feels like I'm never going to succeed

WHAT MAKES YOU NEVER GOING TO SUCCEED

>I'm too old now

DID YOU COME TO ME BECAUSE YOU ARE TOO OLD NOW

>\_ @mijustin



*For years I've fought  
with depression. In  
2016, I started going  
to counseling. It's the  
best decision I've  
made.*

— Nathan Barry, ConvertKit

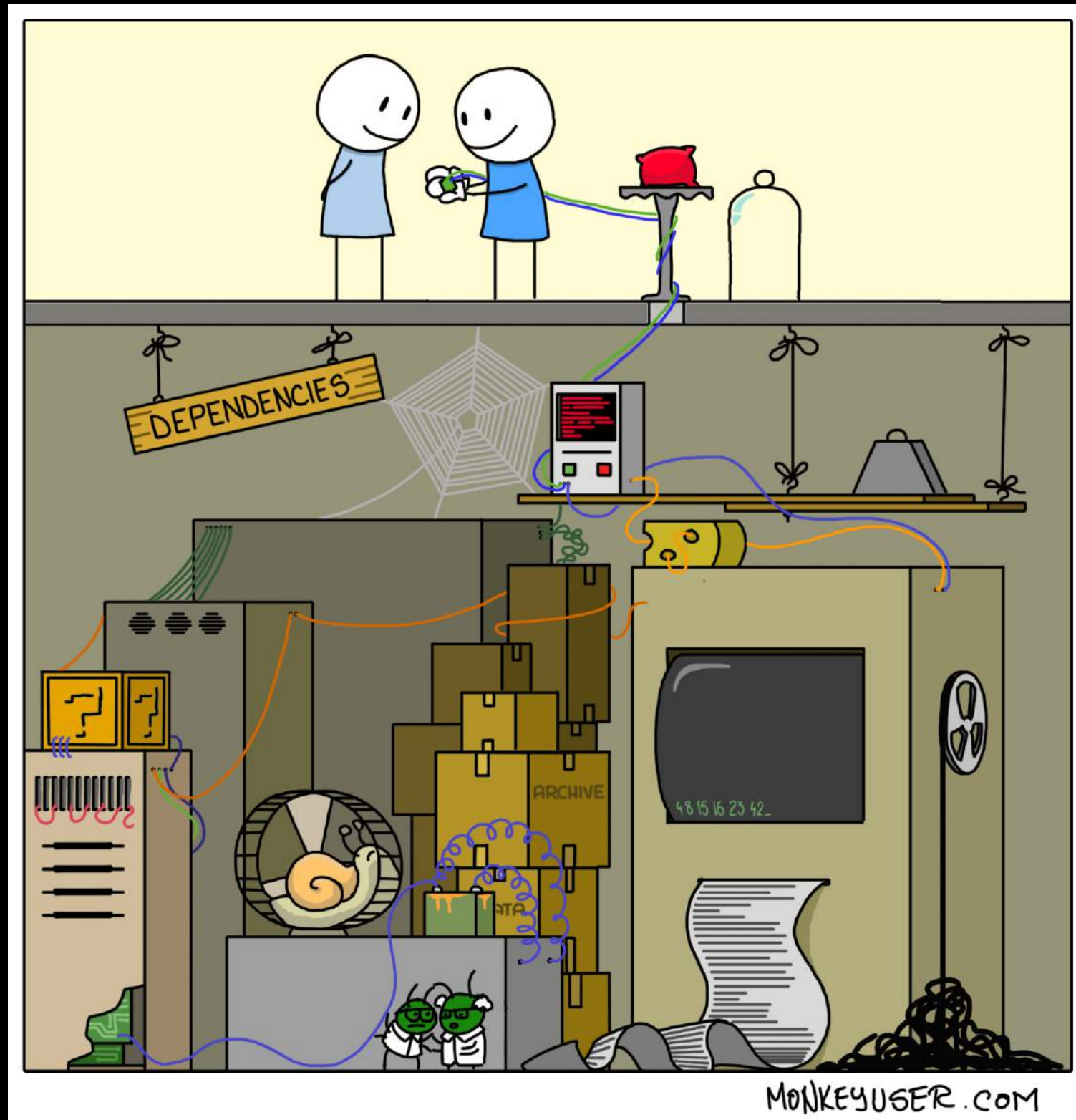


# Google

therapists near me

Google Search

I'm Feeling Lucky







**Dan Harmon** ✓  
@danharmon

Replying to @chojuroh

The most important thing I can say to you is please don't deal with it alone. There is an incredible, miraculous magic to pushing your feelings out. Even writing "I want to die" on a piece of paper and burning it will feel better than thinking about it alone. Output is magical.



**Dan Harmon** ✓  
@danharmon

Replying to @danharmon and @chojuroh

Dark thoughts will echo off the walls of your skull, they will distort and magnify. When you open your mouth (or an anonymous journal or blog or sketchpad), these thoughts go out. They'll be back but you gotta get em OUT. Vent them. Tap them. I know you don't want to but try it.





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**Tiny Changes,  
Remarkable Results**

**Atomic**

**Habits**

**An Easy and Proven Way  
to Build Good Habits  
and Break Bad Ones**

**James Clear**

*'A supremely practical and useful book.'*

*Mark Manson, author of *The Subtle Art of Not Giving A F\*ck**





• @mijustin



*"Every action you take is a vote for the person you want to become."*

— James Clear



*"It doesn't matter whose fault it is; it's your responsibility to fix it. When you're in victim mode, you're stuck in suffering. The road to power is in taking responsibility. Your life, your heart, and your happiness is your responsibility and your responsibility alone."*

— Will Smith

*Whatever the problem with your software is, take ownership. Always assume the problem is in your code and act accordingly.*

— Jeff Atwood, Coding Horror



**CODING  
HORROR**



*"Every action you take is a vote for  
the person you want to become."*

— James Clear

# What is life for?













*The goal of life is to maximise happiness by living virtuously, fulfilling your own potential as a human, and engaging with others – family, friends and fellow citizens – in mutually beneficial activities.*

– Edith Hall (paraphrasing Aristotle)



BOOOZZE









**Andrew Wilkinson** ✓

@awilkinson



It's insane how much I used to drink, how normal it seemed, and how much permanent damage I probably did to my body without even thinking about it.

From age 18 to 27, I would get drunk 4-6 nights a week, on average consuming 3-45 drinks.

It just kind of snuck up on me.

• @mijustin

2:45 PM · 2019-07-21 · [Twitter for iPhone](#)





68 ★

🕒 TIDY UP 5:00



3

READ A REAL BOOK



99 ★

DON'T DRINK ALCOHOL



1

♥ GO TO GYM 30:00



3

♥ 5 MINDFUL MINUTES



7 ★

♥ CYCLE 5 KM



1. Get professional help
2. Assume ownership for your life
3. Do things, repeatedly, that are good for you and others
4. Get rid of bad habits
5. Lose the ego





@mijustin





*"It's too late for me to learn programming."*



*"It's too late for me to learn programming."*

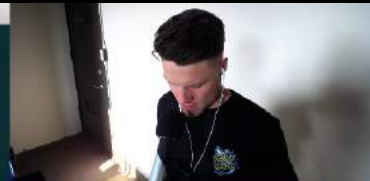
— 🙅 this psychological baggage was holding me back.







```
statamic — more — Solarized Dark ansi — 95x27
| below webroot, so this route lets us serve them from a public
| location. If you need to use the word `resources` in your
| own URLs, you may go ahead and modify this setting.
|
| */
| $resources = '_resources';
|
| /*
| -----
| DANGER!$#@
| -----
|
| Don't edit anything below here.
| Things might happen. Bad things.
|
| */
|
| define('STATAMIC_ROOT', __DIR__);
| define('RELATIVE_APP', $statamic);
| define('APP', realpath(STATAMIC_ROOT . '/' . rtrim($statamic, '/')));
|
| $bootstrap = APP . '/bootstrap/start.php';
|
| if (! is_file($bootstrap)) {
|     if (function_exists('http_response_code')) {
|         http_response_code(500);
|     }
|     exit;
| }
|
| 
```



```
default.html — ~/Sites/justinjackson
1 <div class="my-16 max-w-md mx-auto py-8">
2   <h1 class="text-2xl font-bold my-4">{{ title }}</h1>
3
4   <div class="bard mb-16">
5     {{ content }}
6   </div>
7 </div>
8
```

**dumb programming questions**

twitch chat better then the

LF UTF-8 HTML 0 files  
coderu/ur VS Code > Atom  
akasoggybunz @coder0704 preach it  
Restream.io Ready and waiting for new messages.



```
simple.css — ~/Sites/justinjackson
Project
  layouts
    default.html
  node_modules
  partials
  content_sets
    image_with_captions.html
    text.html
    three_images.html
    video.html
  footer
    footer.html
    menu-item.html
  header
    header.html
    pagination.html
    post-preview.html
  sass
  settings
    macros.yaml
    theme.yaml
  src
  1346
  1347 .border-yellow-light {
  1348   border-color: #fff382
  1349 }
  1350
  1351 .border-yellow-lighter {
  1352   border-color: #fff9c2
  1353 }
  1354
  1355 .border-yellow-lightest {
  1356   border-color: #fcfbeb
  1357 }
  1358
  1359 .border-green-darkest {
  1360   border-color: #0f2f21
  1361 }
  1362
  1363 .border-green-darker {
  1364
```

**dumb programming questions**

Someone rewind the stream and play it back. 🤪

That's what git is for 🤪

a: hover

ANOTHER new dev thing!

woah its a wild Justin and hes coding

You're nailing it dude. I'm bouncing back to family time 🤪

goteem 🤪

i have never seen anyone so excited about CSS

I think minified versions usually come from precompiled languages like SASS or LESS

Minified is usually about the performance benefits. Every little bit helps when loading over a 3G network in the middle of a Canadian winter.

<https://clips.twitch.tv/PeppyicyC/howderChocolateRam>



```
murze — bash — Solarized Dark ansi — 107x32
tailwindcss('tailwind.js'),
  ],
  })
[JJ]:murze jijackson$ php artisan migrate:fresh --seed
Illuminate\Database\QueryException : SQLSTATE[HY000] [1049] Unknown database 'murze' (SQL: SHOW FULL TABLES WHERE table_type = 'BASE TABLE')

at /Users/jijackson/Sites/murze/vendor/laravel/framework/src/Illuminate/Database/Connection.php:664
660 | // If an exception occurs when attempting to run a query, we'll format the error
661 | // message to include the bindings with SQL, which will make this exception a
662 | // lot more helpful to the developer instead of just the database's errors.
663 | catch (Exception $e) {
664 |     throw new QueryException(
665 |         $query, $this->prepareBindings($bindings), $e
666 |     );
667 | }
668 |

Exception trace:
 1 PDOException: ("SQLSTATE[HY000] [1049] Unknown database 'murze'")
  /Users/jijackson/Sites/murze/vendor/laravel/framework/src/Illuminate/Database/Connectors/Connector.php:68
 2 PDO::__construct("mysql:host=127.0.0.1;port=3306;dbname=murze", "root", "", [])
  /Users/jijackson/Sites/murze/vendor/laravel/framework/src/Illuminate/Database/Connectors/Connector.php:68

Please use the argument -v to see more details.
JJ:murze jijackson$
```

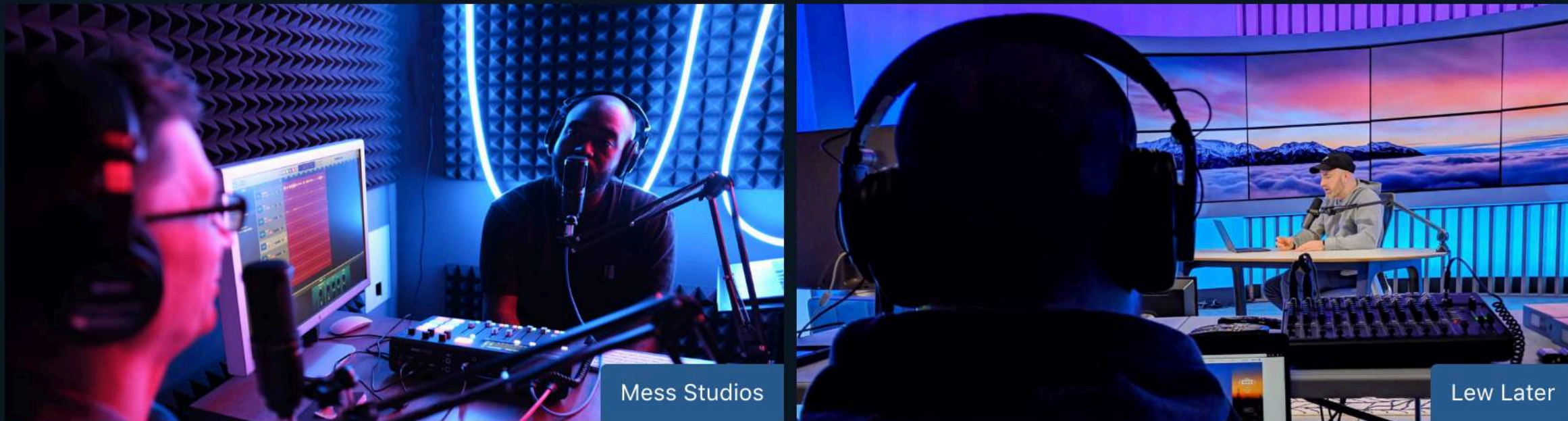
**dumb programming questions**





```
const Vue = require('vue')
new Vue({
  el: '#nav',
  data: {
    isOpen: false
  },
  methods: {
    toggle() {
      this.isOpen = !this.isOpen
    }
  }
})
```

Creatives, businesses, and professional podcasters from around the world trust Transistor with their audio hosting and analytics.







# Build Your SaaS

- Overview
- Episodes
- Analytics
- Team
- Social & Apps
- Website
- Show Settings

37signals started an indie SaaS revolution when they launched Basecamp and Ruby on Rails. Since 2004, thousands of entrepreneurs, developers, designers, and product people have tried to capture some of that success by launching their own web apps. But what does it take to launch a Software as a Service business in 2018? Follow Jon and Justin as they build & launch their new product: Transistor.fm.

13,954  
TOTAL DOWNLOADS

9  
EPISODES

0  
SCHEDULED

Past 14 Days of Downloads



Add an Episode +

RSS Feed

Website

Thanks ❤️

[justinjackson.ca/newsletter](https://justinjackson.ca/newsletter)  
[saas.transistor.fm](https://saas.transistor.fm)