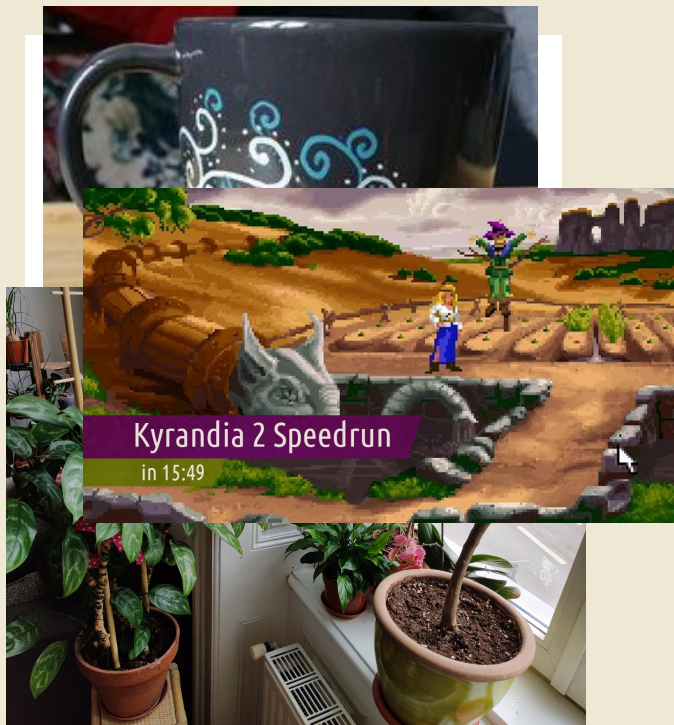How to Avoid

Becoming a 10x Engineer

@jenxness

Kyrandia 2 Speedrun

in 15:49

whois ivana

- ~~Sometimes paints mugs~~

- ~~Has way too many plants~~

- ~~Sometimes speedruns~~

- Builds aiohttp-based APIs and webservices at wegfinder

- Likes Python somewhat

@jenxness

Kyrandia 2 Speedrun
in 15:49

Things I've Learned

Everything sucks.

Everything sucks.

Except maybe Postgres. Postgres sucks a bit less than the other things.

Everyone. Has.
Opinions.

Enter
The Internet.

@jenxness

THE INTERNET IS KILLING JOBS AND COMPOUNDING INCOME INEQUALITY

Companies like Google, Facebook, Amazon and Apple are sitting on billions in cash. Their founders and CEOs are among the richest individuals on the globe. Google's co-founders, for example, have amassed fortunes of about £23 billion each, the BBC reports. But they're not spreading the wealth.

Instead, a handful of Silicon Valley billionaires are growing richer and richer as the rest of the world slides deeper into poverty – and finds fewer jobs available to them than ever before.

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Instead, a handful of Silicon Valley billionaires ... as the rest of the world slides deeper into po ... available to them than ever before.

INTERNET TECH COMPANIES KNOW EVERYTHING ABOUT US AND THEY'RE SELLING OUR DATA TO ADVERTISERS, SURVEILLANCE FIRMS AND THE GOVERNMENT

What makes Instagram, Facebook and Google so valuable isn't their software. It's the fact that millions of people willingly provide these companies with detailed data about their interests, habits and aspirations, as well as minute-to-minute location updates. Every time we post a photo, like a page or write a status update we are working, for free ...

https://www.vice.com/en_uk/article/jma3bd/ray-tomlinson-late-inventor-of-e-mail-what-hath-thou-wrought

THE INTERNET IS
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THE INTERNET IS TURNING US ALL INTO SAD, LONELY, SELFIE-OBSESSED NARCISSISTS

Facebook's 1.4 billion active monthly users spend an average of 20 percent of all their time on the internet using the social media site. It's marketed as a platform that unites us, builds trust and makes us happier. In reality, it does the opposite.

A 2013 study at the University of Michigan found that Facebook is making its members "unhappier and more envious of others". In a nationwide poll of Facebook users in the US, only 5 percent said they trusted the site with their data. A third study at Berlin's Humboldt University found that "Facebook made more than 30 percent of its users feel lonelier, angrier or more

RE SELLING
LLANCE

sn't their
de these

like a page or write a status update we are working, for frequent to make the

location updates. Every time we post a photo,

ests, habits and aspirations,

EuroPython 2020   https://www.vice.com/en_uk/article/jma3bd/ray-tomlinson-late-inventor-of-e-mail-what-hath-thou-wrought

https://knowyourmeme.com/memes/synonym-rolls

Pretty Boy   Share ☼ ☑ Follow

Just made some synonym rolls .

↩ Reply ⟳ Retweet ★ Favorite ⤷ Storify ⋯ More

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https://66.media.tumblr.com/tumblr_las0xrcWxz1qa8kbzo1_500.jpg

Becoming a Better Programmer, According to
The Internet.

@jenxness

Don't Go to Meetups & Conferences

That said, unless it's a real research/publication conference - where people discuss and propose solutions to challenging problems - you won't find top-notch programmers in these "meet ups". Why? Because more often than not, these meetups tend to waste too much time, rather than actually solving some problem.

Give Unsolicited Advice

(a good programmer)

Glances over your shoulder and points at a bug in your code with their finger

@jenxness

Don't Talk to Inanimate Objects

You can often see hallmarks of great bad programmers by phrases such as "I am so sad that my program doesn't work, I have tried to plead with it and it still doesn't give work." or by "I feel that this code is right, but I just am not sure why it won't work" or even by "I read to my program every day, and try to be a good friend, but it still doesn't like me, whenever I tried to attach to it, it gives me a core dump".

Do ... ects

programmers by p[...]
have tried to plea[...]
is right, but I just a[...]
every day, and try [...]
to attach to it, it g[...]

of great bad

[...]oesn't work, I

feel that this code

[...]ad to my program

whenever I tried

https://i5.walmartimages.com/asr/631774a0-60c6-44ba-8306-e5ce5830af7e_1.1c3c6ea3724f0ec97e598b7b5e572524.jpeg?odnHeight=450&odnWidth=450&odnBg=FFFFFF

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Just Get This Amazing Thing (c)

With the right tools, the 10x engineer can do the work of "10 engineers", because they are so much more efficient with their time and execution. While an average engineer might be fumbling their way through a process, a 10xer has already streamlined it and is two steps ahead.

Just Get This Amazing Thing (c)

With the right tool~~s~~ "10 engineers",
because they are s~~...~~ nd execution.
While an average e~~...~~ rough a process,
a 10xer has alread~~...~~

https://s3files.core77.com/blog/images/2011/10/0pizzapro01.jpg

Fit a Stereotype

(a good programmer)

4. Can complete any sequence of dialogue from Lord of the Rings, Star Wars, Red
Dwarf or Monty Python

Fit a Stereotype

(a good programmer)

4. Can complete any sequence of dialogue from Lord of t[...] [...]ed Dwarf or Monty Python
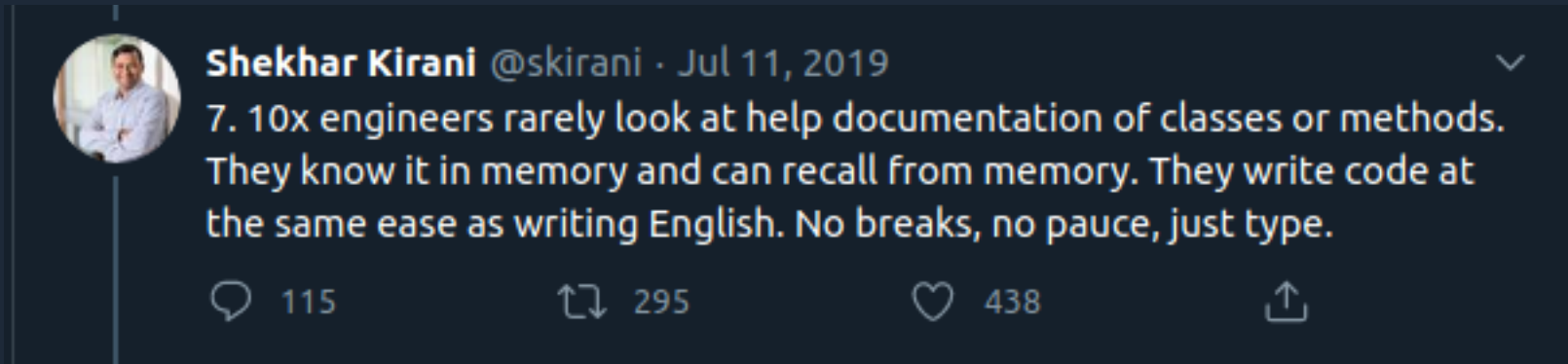
Me in 2009 →

Just Type Faster (Duh)

PROGRAMMING

Want to be a better coder? Type faster.

When I see someone who has been working with computers for a decade and can't surpass 100 WPM for even a short burst, I'll admit, it makes me cringe a little bit. It's just lazy, as Jeff Atwood put it.

Wear Out the Correct Keys

Shekhar Kirani @skirani · Jul 11, 2019

3. 10x engineers laptop screen background color is typically black (they always change defaults). Their keyboard keys such as i, f, x are usually worn out than of a, s, and e (email senders).

142   433   530

@jenxness

Don't Read the Docs

Shekhar Kirani @skirani · Jul 11, 2019

7. 10x engineers rarely look at help documentation of classes or methods. They know it in memory and can recall from memory. They write code at the same ease as writing English. No breaks, no pauce, just type.

115   295   438

Go Back in Time

You should have started being interested in engineering when you were in your early teens. Now it's too late, all you can be is a normal engineer.

@jenxness

Set Up Tooltips, Make a Setup, Set Up Tab Stops

One guy, he just graduated and called himself a programmer. I asked him couple of questions.
Have you set up the tooltips of the application? Have you made a setup for your program? Have you set up tab stops according to the flow?

His answers were simple No, No, No.

Write Tons of Code

As proof, believe it or not, I've written 1MM LOC in under 6 months, resulting in a very functional, relatively bug free, commercial product on the scale of something like Microsoft Office (though totally unrelated). Further, the product was innovative and in fresh territory (as in, no competitive products, no answers on google, just completely on my own). I wouldn't do it again, because I was then on the hook to maintain 1MM lines of code, but I guarantee you, that's at least 10x a normal engineer. That's about 6K LOC a day. The average engineer I've worked with, puts out about 500 LOC a day, the best (but not rockstars), put out about 2K LOC a day. So its not a clear 10x mapping, but that's 12x a normal engineer, and 3x a great engineer. Screw with the numbers all you want, but there's still a clear divide between RockStar output and non RockStar output.

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Write Tons of Code

(But Give It to Someone Else to Maintain)

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```
return(b,a)[a<b]
```

@jenxness

On Rockstars, Ninjas, and 10x Engineers

The Balsamico Sauce (BS) Detector

Possibly legit
apply additional BS filters

Balsamico sauce vibes
nope

Possibly legit
apply additional BS filters

Balsamico sauce vibes
nope

It's physically impossible to do
what the author wants you to do

Possibly legit
apply additional BS filters

Balsamico sauce vibes
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Covertly tries to sell you something

...ing towards people who do need meet some arbitrary standard

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Covertly tries to sell you something

Blatantly tries to sell you something

ding towards people who do need meet some arbitrary standard

It's physically impossible to do what the author wants you to do

Possibly legit
apply additional BS filters

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Blatantly tries to sell you something

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Balsamico sauce vibes
nope

Blatantly tries to sell you something

Covertly tries to sell you something

Tells you to dance around
a campfire on the 6th full moon

scending towards
people who do need meet
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Balsamico sauce vibes
nope

So What *Can* You Do?

- Practice.

- You have a far bigger influence on the culture of the community you're part of than you realize.

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10x engineer < 10 1x engineers

https://miro.medium.com/max/
2000/1*a5DxO_wmHfdpcEVY_XpjLA.jpeg

EuroPython 2020

@jenxness

pip install engineerquiz

@jenxness

Thank You!

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