

A blurred background image of a laptop screen displaying code and a coffee cup. The text is overlaid on this background.

**Become more
professional
developer**

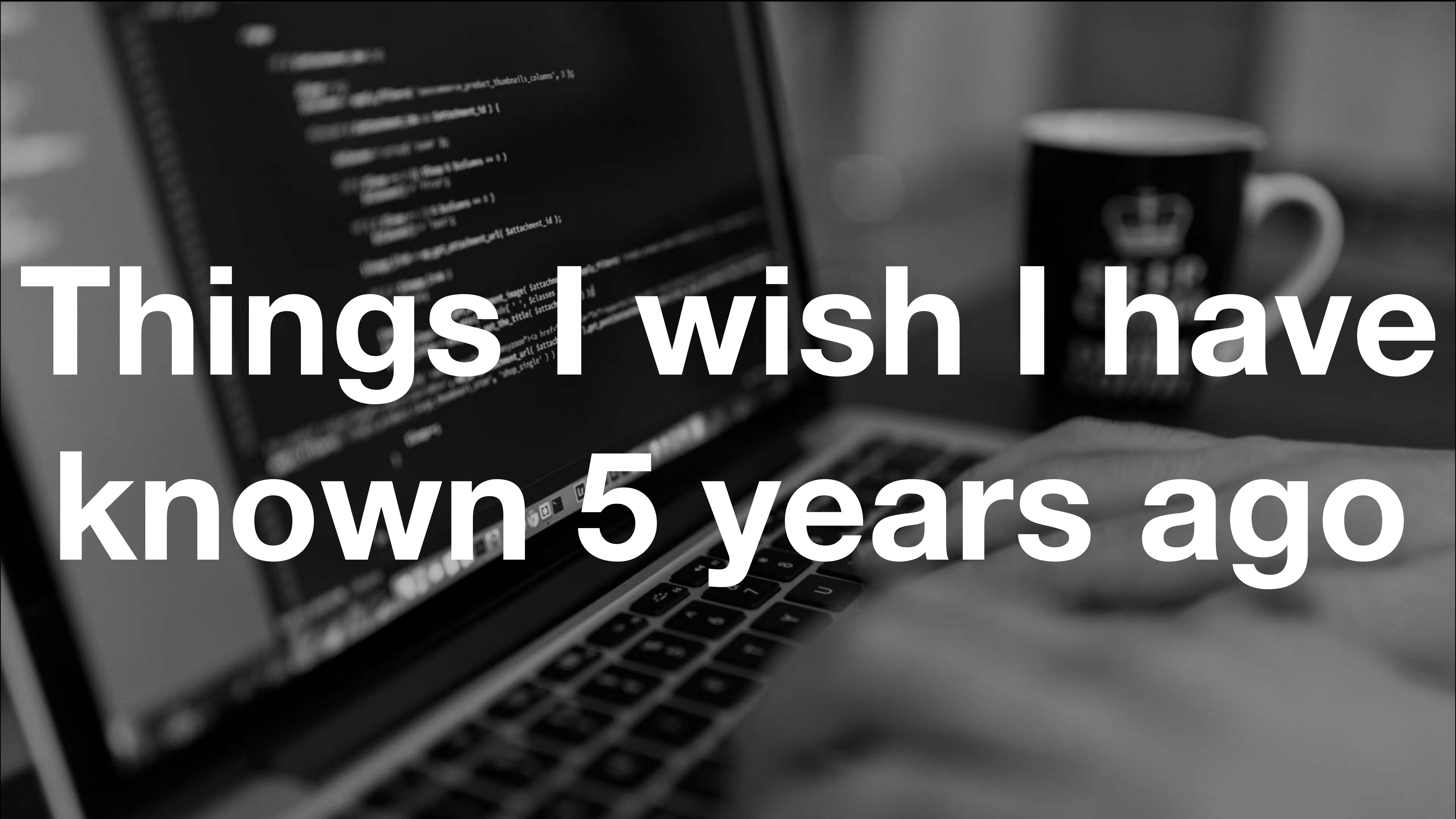
@sale87



Seven Bridges Genomics Vast Inc



clickbait

A blurred background image of a laptop displaying code and a coffee cup. The text is overlaid on this background.

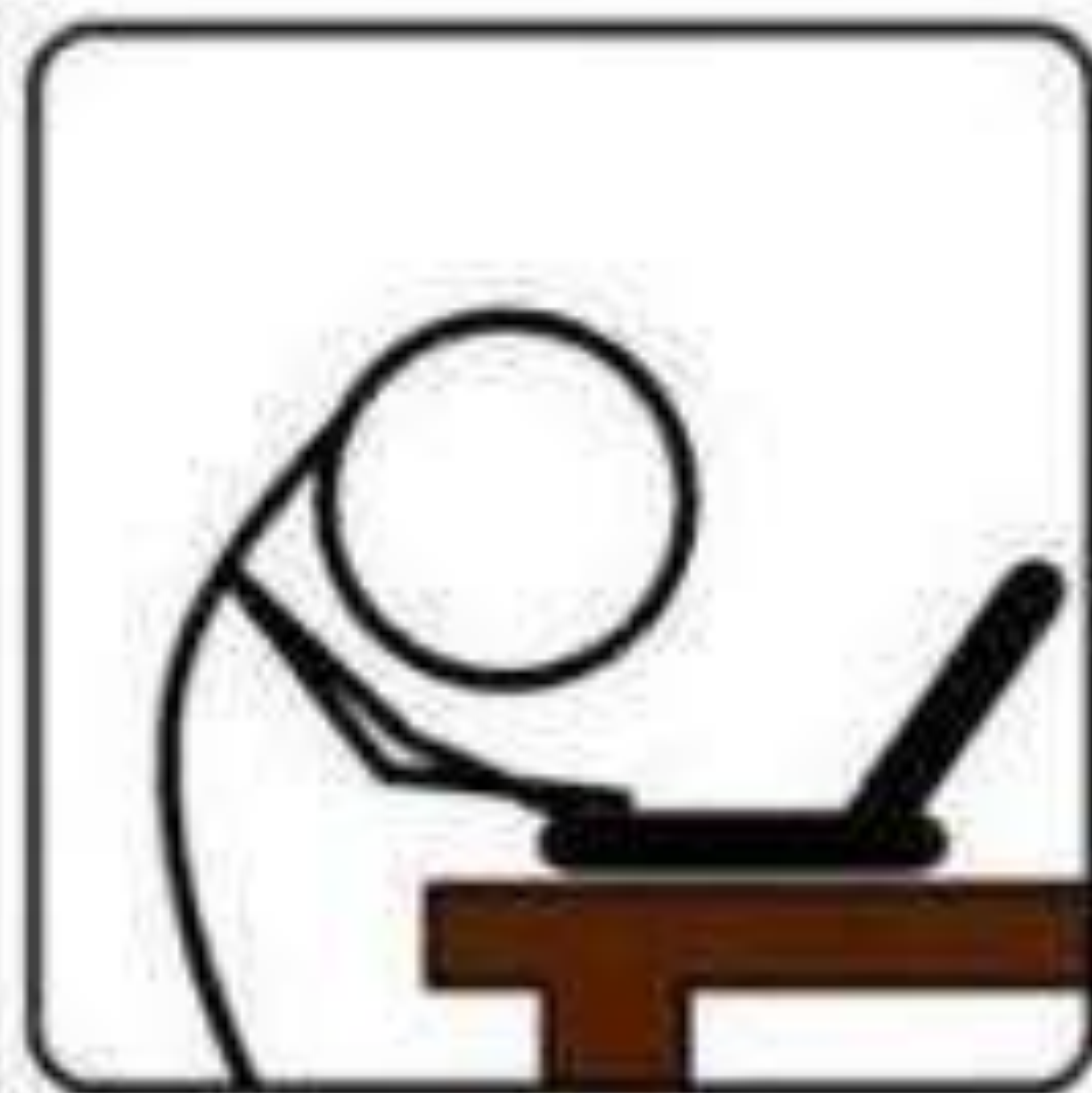
**Things I wish I have
known 5 years ago**

A blurred background image of a laptop displaying code and a coffee mug. The laptop screen shows lines of code, likely PHP or JavaScript, with some text like 'product_thumbnails_columns', 'attachment_id', and 'classes'. A black coffee mug with a white crown logo is visible on the right side of the laptop.

**What's
programming all
about?**

The Programmers Life

WORK



HOME



PLAY



SLEEP



Programmer (noun.)

A person who fixed a problem that
you don't know you have,
in a way you don't understand.



Programming Wisdom

@CodeWisdom

"A programmer is a device for turning caffeine into code." - Paul Erdos

7:39 PM · Nov 23, 2016

222 RETWEETS

316 LIKES

CODE

I am paid to write
code that provides
business **value.**

Coda Hale



CAUTION
AVALANCHE DANGER



**How to be a good
developer?**



BIG PICTURE



PROFESSIONAL

TECHNOLOGY





ON BIG PICTURE



Junior/senior



Can be learned



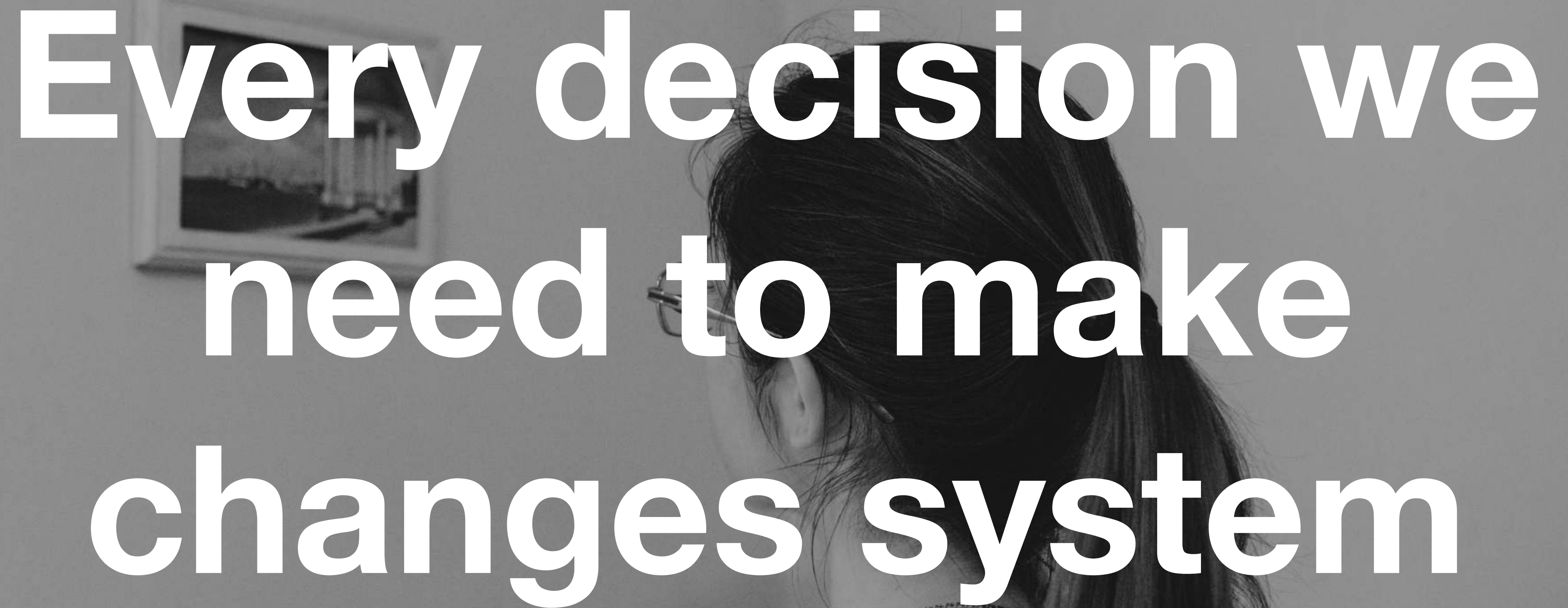
Experience



What's the point?



**Everything is
system**



**Every decision we
need to make
changes system**

Why?



A grayscale photograph of a woman with glasses and a ponytail looking at a framed picture on a wall. The word "Information" is overlaid in large white text.

Information



**System size and
questions changes
with experience**

ON TECHNOLOGY

A black and white photograph of a workshop. In the background, a car is elevated on a lift. The foreground shows a workbench with a pegboard full of tools, a multi-drawer toolbox, and various mechanical parts and containers scattered around. The text "ON TECHNOLOGY" is overlaid in large, bold, orange letters across the center of the image.



Business value



Solving customer problems



**Coding is only 30%
of our job**

- 
- **understand problem**
 - **develop solution**
 - **release**
 - **profit**



Understanding
problem is most
important part of
our job




**Why is this
important for
customer?**



**How it will improve
their life?**



**How it will improve
our business?**



What are technical requirements?

Process:

- **propose solution**
- **attack it from usage perspective**
- **attack it from implementation perspective**
- **search for edge cases**
- **fix if possible**



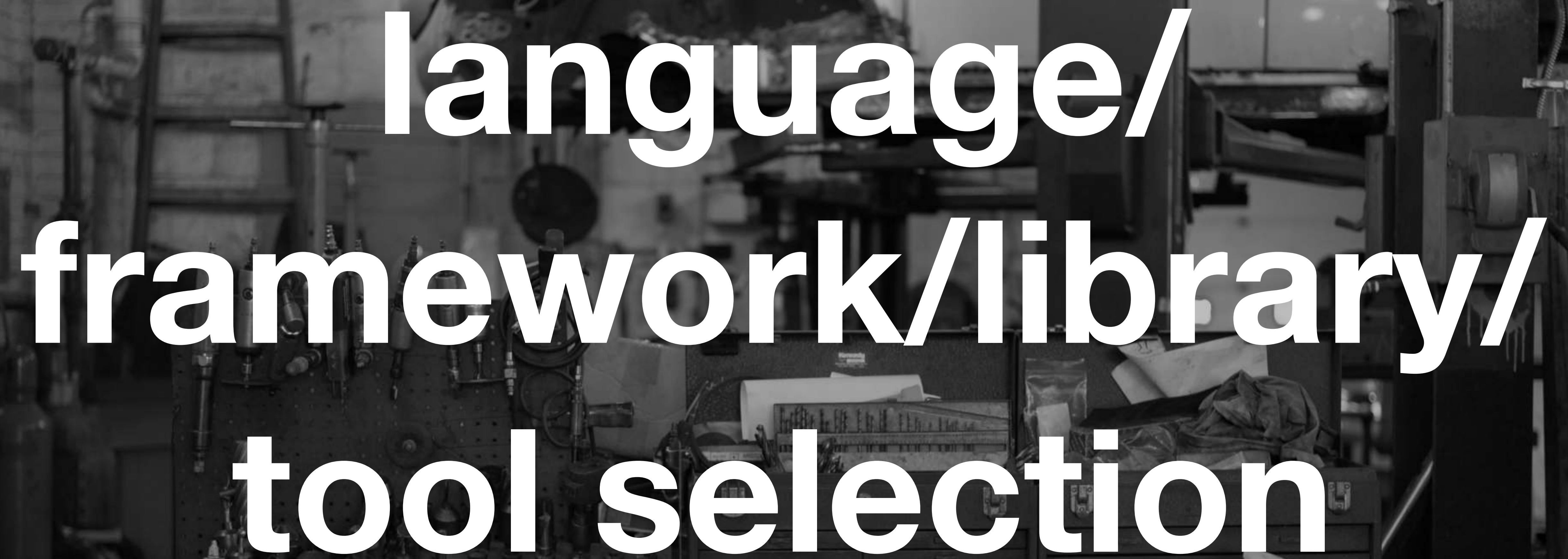
**Set of steps to
solve problem**



Not written in stone



Developing
solution is most **fun**
part of our job



**language/
framework/library/
tool selection**



great. perl.

A photograph of a paved path with a chalk drawing of a person and a wavy line, with the word 'python' overlaid in white text. The path is made of dark asphalt and is bordered by green grass on the right. A concrete curb is visible on the left. The word 'python' is written in a large, white, sans-serif font with a thin black outline, centered over the path. The chalk drawing shows a simple human figure with a circular head and a wavy line above it, possibly representing a person or a wave.

python

A photograph of a train derailed and on fire at night. The train cars are overturned and engulfed in bright orange and yellow flames. The scene is dark, with the fire providing the primary light source. The text 'ruby on rails' is overlaid in white, bold, sans-serif font across the center of the image. In the bottom right corner, the website 'theprofoundprogrammer.com' is visible in a smaller white font.

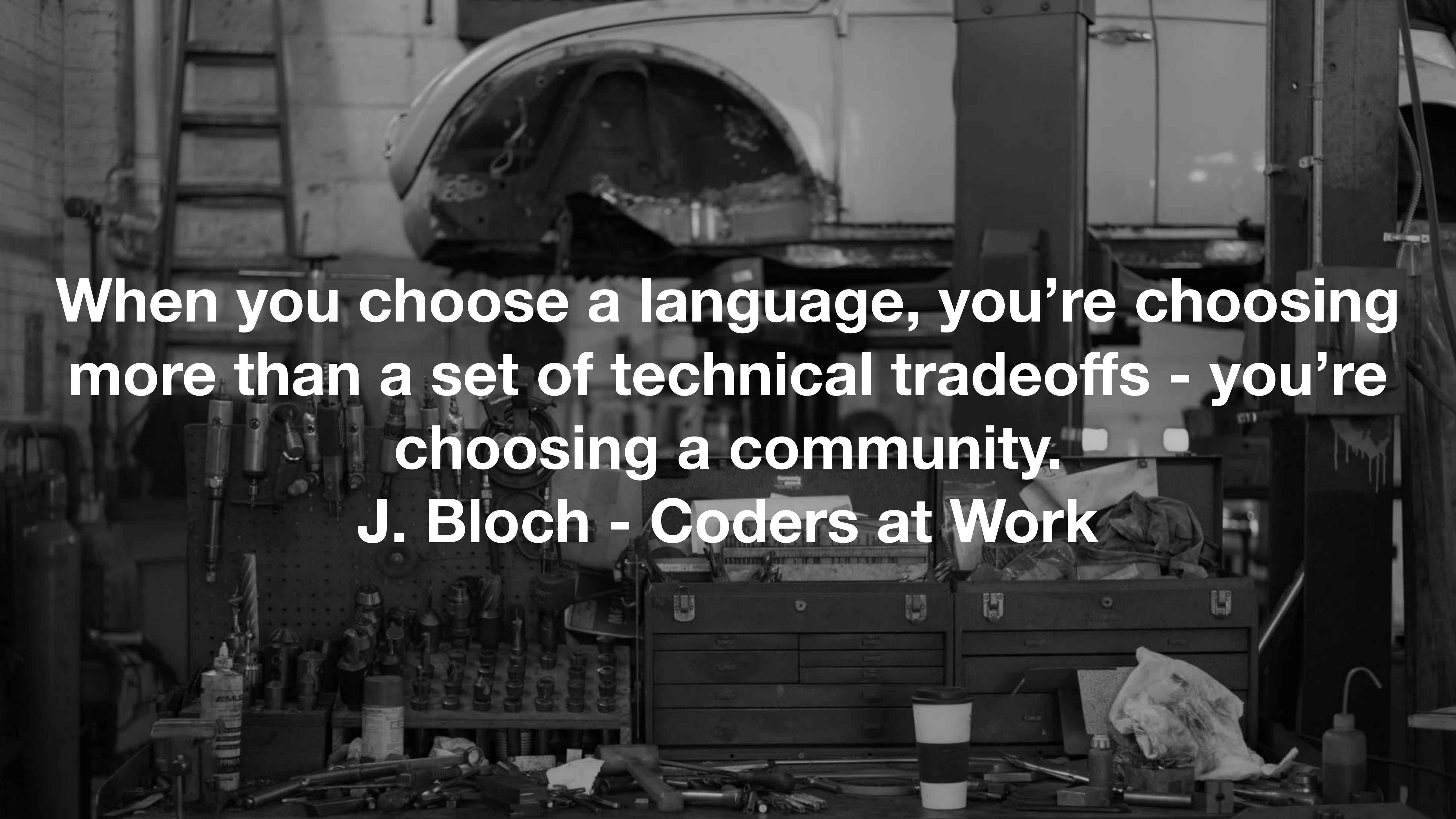
ruby on rails




scala



javascript



When you choose a language, you're choosing more than a set of technical tradeoffs - you're choosing a community.
J. Bloch - Coders at Work



A rule of thumb: if you are excited to play around with something, it probably doesn't belong in production.

Maciej Ceglowski (Pinboard)



Choose Boring Technology:
The nice thing about boringness (so constrained)
is that the capabilities of these things are well
understood. But more importantly, their failure
modes are well understood.

Dan McKinley



**Solve problem,
don't play with
technology**

CAN YOU PASS
THE SALT?



I SAID—

I KNOW! I'M DEVELOPING
A SYSTEM TO PASS YOU
ARBITRARY CONDIMENTS.

IT'S BEEN 20
MINUTES!

IT'LL SAVE TIME
IN THE LONG RUN!

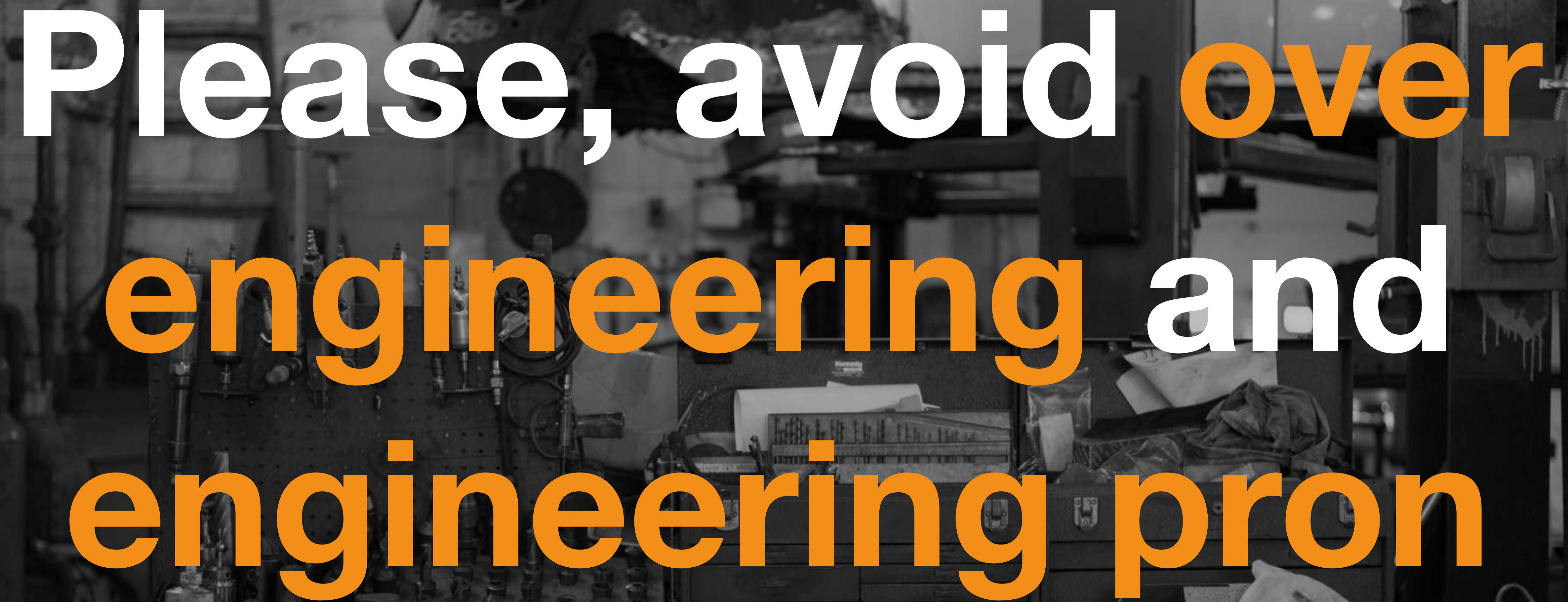




it doesn't work, but it's fast

Two red-handled scissors are shown on a light blue background. The scissors on the left are open, with the blades pointing upwards. The scissors on the right are closed, with the blades pointing upwards. The text "what am I supposed to do with this" is overlaid in the center of the image.

what am I supposed to do with this




Please, avoid over
engineering and
engineering pron



Please, strive to
deliver **high quality**
software

A wide-angle photograph of a beach under a clear blue sky. In the foreground, there are several sets of tire tracks on the sand. In the middle ground, a person is sitting on the sand under a thatched umbrella. The ocean is visible in the background, meeting a clear blue sky at the horizon.

if you don't test your commmits
I will bury you



Deploying software
should be as **boring** as
possible.

Zach Holman.



**Solution to problem is
deployed, now we get to
profit from it.**



PHASE 1

PHASE 2

PHASE 3

Collect
underpants



Profit





Sorry ppl, just a beginning



metrics/logs/alerts



production/beta/ongoing

**Choose stable
technology, because
production is hard.**





ON BEING PROFESSIONAL

A black and white photograph of a man in a white dress shirt and a striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop with various tools and equipment, including a large wooden wheel and a rack with items. The overall scene is one of craftsmanship and attention to detail.

**Things your parents
told you**

- 
- **don't be late**
 - **be nice to people**
 - **don't interrupt**
 - **listen other's people opinion**

A black and white photograph of a man in a white dress shirt and a striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop setting with various tools and equipment. The word "Conflicts" is overlaid in large, white, sans-serif font across the center of the image.

Conflicts



Listen on meetings

A black and white photograph of a man in a white dress shirt and striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop with various tools and equipment. The text "Own your work" is overlaid in large white letters across the center of the image.

Own your work

A black and white photograph of a man in a white dress shirt and striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop setting with various tools and equipment. The word "Improve" is overlaid in large, white, sans-serif font across the center of the image.

Improve

A black and white photograph of a man in a white dress shirt and a striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop setting with various tools and equipment. The text "You are not your code" is overlaid in large, white, sans-serif font across the center of the image.

**You are not your
code**



**Don't bash bad
code straight away**

A black and white photograph of a man in a white dress shirt and a striped tie, focused on working on a bicycle wheel. He is leaning over the wheel, which is mounted on a wooden frame. The background shows a workshop setting with various tools and equipment. The text "Mentor and learn" is overlaid in large white font across the center of the image.

Mentor and learn



Rockstars & ninjas



<http://bravenewgeek.com/you-are-not-paid-to-write-code/>

<http://highscalability.com/blog/2010/12/29/pinboard-in-architecture-pay-to-play-to-keep-a-system-small.html>

<http://mcfunley.com/choose-boring-technology-slides>

<https://zachholman.com/posts/deploying-software>

<https://www.youtube.com/watch?v=czes-0a0yik>



Thanks!