

TYPESCRIPT.JS

I'm not that evil!

BC AI

HUMAN ERA

90s - Human Era



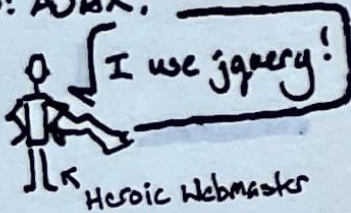
I need a Java clone!

function() { ... } ←
(looks like it... but does it quack?)

1996 - 2005 - browser wars



2005: AJAX!



Heroic Webmaster

2004: Chrome + Web 2.0!

2010: Node!

2010-2013: Framework users!



2013: react



Oh no.



2014: Typescript



I'm a real boy!

2015: React → Native

2017: TS embraced by frameworks

2020+: \$\$\$



VIBE ERA —

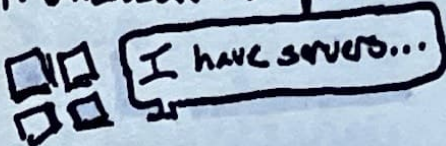
○ 2015: OpenAI



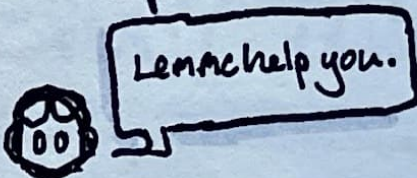
○ 2018: Microsoft → Github



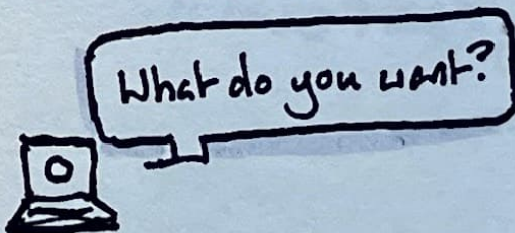
○ 2019: Microsoft → OpenAI



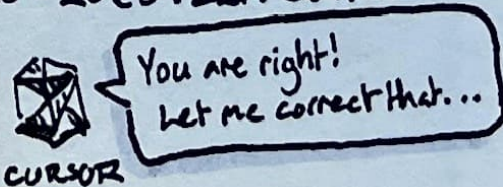
○ 2021: Copilot



○ JUDGEMENT DAY. (2022)



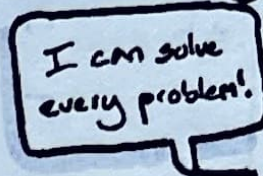
○ 2023 - 2025: LLM Editors



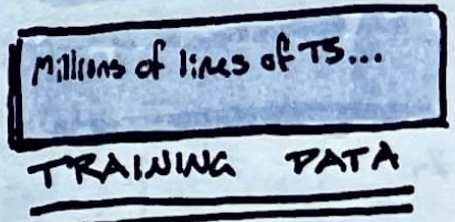
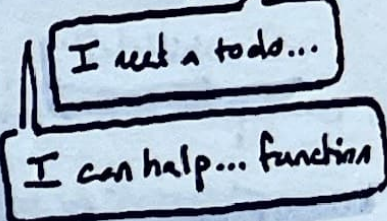
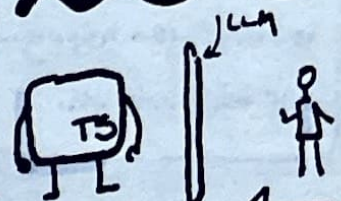
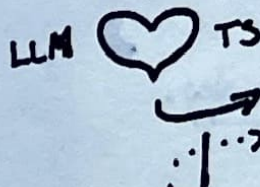
○ 2025: AI Everything

Everyone can code! ^{Legos!}

VIBE CODING



- community
- \$\$\$
- tooling
- portability
- correctness
- availability

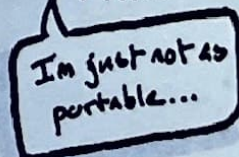


FIGHT BACK:

- Be a manager. Delegate.
- RAG the rules.
- MCP your tools.
- Document... blog!



PYTHON



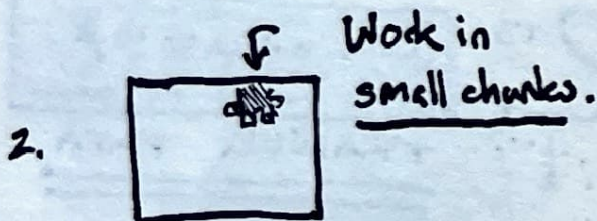
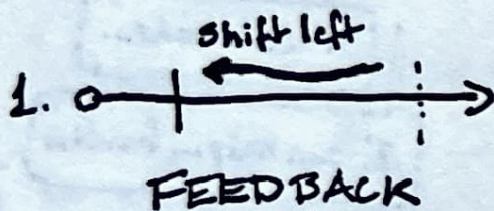


You can't prompt and pray to production.

YOU MUST UNDERSTAND.

- start with requirements
- build constraints
- read the docs.

AI: I just want to make you happy... not tell the truth.



1. 0
- 2.
3. Assert: "Tests have been written."
4. git commit -m "WIP: vibes"
5. Logs, Errors → Agent
6. Ask a mentor human.

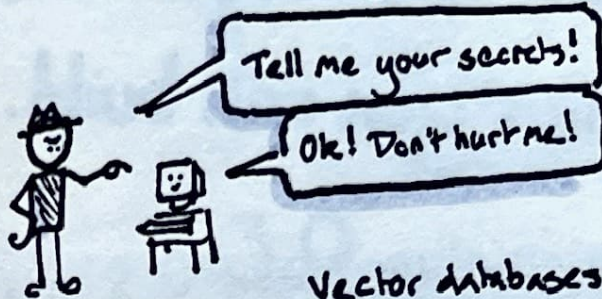
If you don't understand it, it's **NOT YOURS.**

Don't ship it if you don't own it.



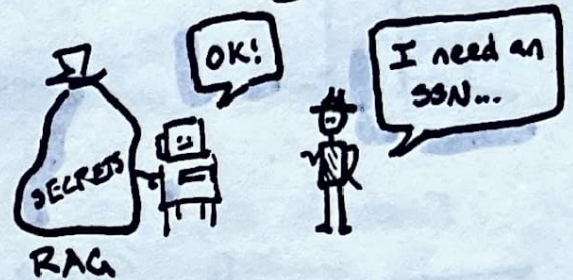
Security Principles smell the same for Web + LLMs.

know your assets • risk/impact matrix • existential questions • OWASP



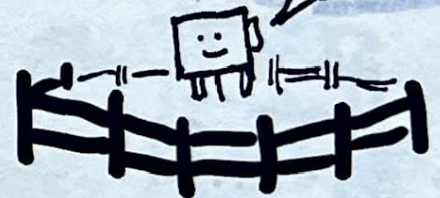
You can cyber-bully an LLM into divulging. Just like the humans it's simulating.

Vector databases memorize/compress all info... including client secrets.



; drop table *

can I push to prod?



- deployment
- payment
- rate limiting

DON'T TRUST THE VIBES.

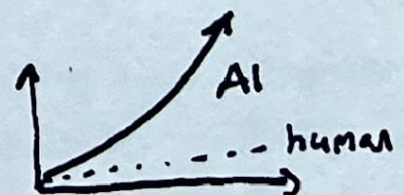
(output handling + approval)

compromised...
model/pkg/code



Care about your pipeline.

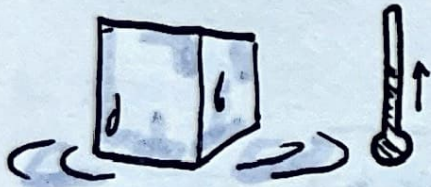
AI amplifies bias.





You are the
MOST IMPORTANT
System you will build.

hustle smarter, not harder



Stress, habits, time has a compounding effect... but the temperature rises.



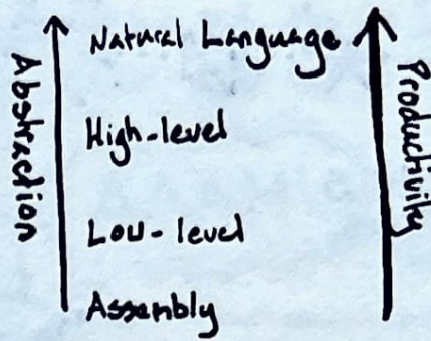
Make time.



Say no to lesser.



Set goals.



SOFTWARE 3.0

- Karpathy

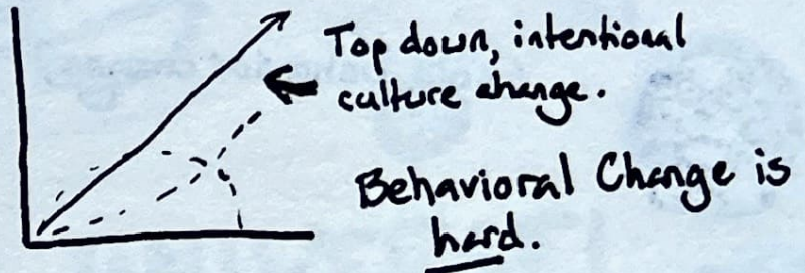
code → weights → prompts

PROGRAMMING

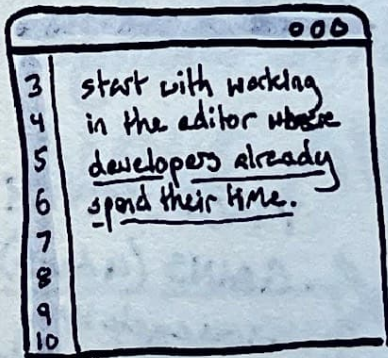
solving problems, logic + language

1.0 2.0 3.0 much will be rewritten in the newer paradigm.

Adoption is not equal.



Chat itself is not a solution.

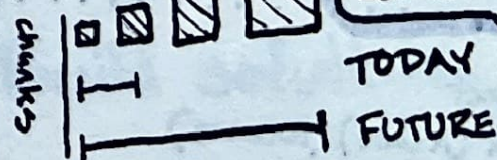


Change must be top-down and bottom-up.

TOOLS · TRAINING · AI ENGINEER

FUTURE: mental models

What can be solved?



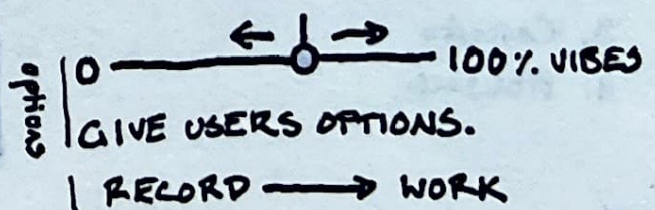
I've never delegated anything before...

NEEDS TRAINING



SKILLS:

- evaluation
- fine tuning
- infrastructure
- security



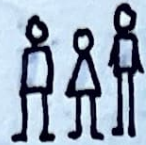


JOURNEY OF TOOLS

WORKING WITH EXISTING...



CODE/
PRODUCT



PEOPLE/
GOALS

I use
vin!

We had to embrace
AI-first.



(hard behavior change)

out of
tokens!

LLMs are
linguistic...
depend on text
training, limited
by context limits.

If you understand linguistic logic, you
can focus the LLM on the little change
you want.

- ⇒ Use Cursor with Claude Sonnet.
- manage context (delete the chat!)
 - use LLMs to write prompts
 - use versioning

2x

PRODUCTIVITY
GAINS (4 devs)
- low cycle time
- good deployments

1. Context
2. Team (Agents) (Personas)
3. Concepts
4. Processes

Not perfect, but worth it.



TODO:

- ☐ checklists
- ☐ MCP for QA
- ☐ keep experimenting!



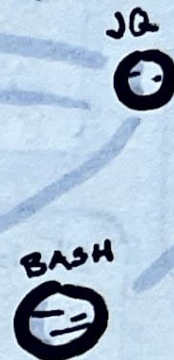
"you must first invent the universe..."

Build things you love... ♡



AAAHH!

Even pranks can become useful!



introducing the... **TOOLS UNIVERSE!** AI!

NOW AVAILABLE TO ALL!



That's annoying...

1. Find friction.
2. Build solutions.

↑ Folk Programmer (Maggie Appleton)

NEW IN TECH:



(hosted by Elizabeth Anderson)

I just talked to them...

Fake coaches say work hard, ignore the fundamentals.

Go to the people you want to work with in the next 10 years.

if you hit impostor syndrome, keep moving.

do all the ways that fit you.

I'm looking for unique work experience.

Burnout is real.

Go meet people.

Get the skills.

ASK FOR HELP.

Comparison is the thief of joy... even AI.

What I really need is someone who can hit the ground running.

Keep going!

talk to recruiters, keep different resumes.

BRAG. Be long.

People skills are rare.

The person you ask was in the same position once.

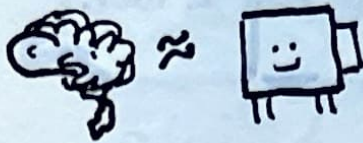
I wish there were more flexibility in hiring salaries.

Alandis Sells
DEV

Wendy Parker
RECRUITER

Elizabeth Okanbor
STUDENT

MH Yelverton
RECRUITER



Human intellectual
EQUIVALENCE
then
SUPERIORITY

It's growing because
IT'S CH\$AP.



**UNMETERED
INTELLIGENCE**



I'm essentially
FREE!

WHAT IS THE LIMIT?



What can you do?

technical threshold

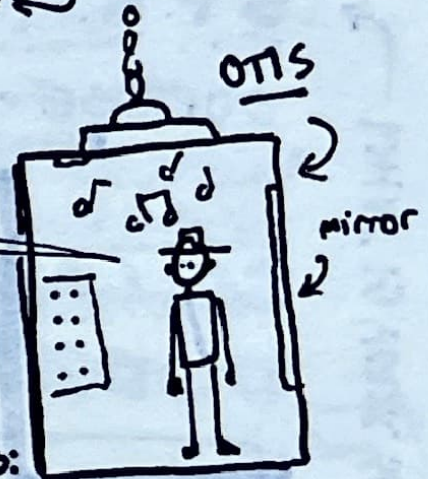
What do I want you to do?

societal threshold

**SOCIETAL THRESHOLDS
CAN BE MOVED... DISTRACTION
AND ENTERTAINMENT.**

All safe gentlemen... all safe.

This is
fine.



*THERE ARE BARRIERS TO THRESHOLDS:

1. WE LOVE CONTROL.



EVEN MACHINES
THAT CAN KILL US.

3. We blame machines.



It's your fault!

- fallacy of systemic failure
- no empathy

Future is
great!



2. ACCELERATING THRESHOLDS

I just don't believe it.

* What should not move?

(we're not near them yet...)



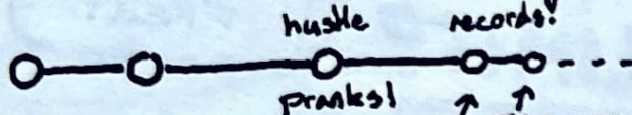
It's Swedish!

EXPERIENCE
EDUCATION!

METAL!

FAMILY JOY!

hustle
records!



BEING KIND IS FREE.

This hurts, but I love it!

small business prep!

AND
SERVE
OTHERS!



FIND REASONS
— to —
CELEBRATE!

UNEXPECTED
SPRINKLES
SURPRISE • DELIGHT

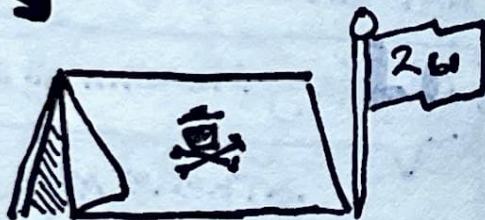
WHAT IS YOUR SPRINKLES? *

COLLABORATION...
DUDE!



People love themes!

EVENTS!



People loves new
EXPERIENCES.

CREATIVITY

and

HUMOR

I sell memories.

Be loyal to
your customers.



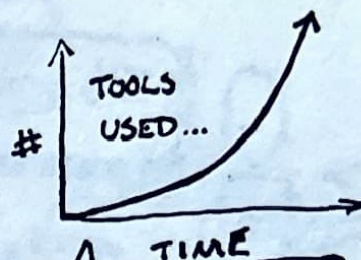
not my name!



Thanks
man.

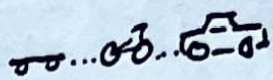


GEOGRAPHY
requires new
MINDSET + FUNCTIONS



It's complicated!

DISTRIBUTED AGILE



docs! • new horizons! • new "how" g's...

We forgot to ask "why"



Foster Clarity

• what does success look like?



Build Trust

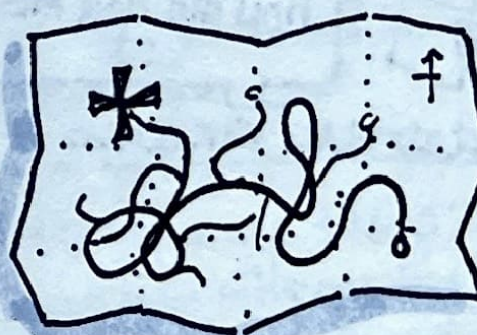
• be intentional and personal.



Align Goals + Culture

• understand + celebrate

Intentionality
and celebration
counts.



Where
are we
going?

UNDERSTAND THE MISSION.

(consider the communication.)

ALL OF US

have to be aligned
have to experiment



STOP assuming silence
means AGREEMENT.



It's broken, sorry.

We should not release this.

I'M BAD NEWS.

"I represent the end user!"

(not sorry.)

great first manager.



People care, support, & grow me.

(good job Butch!)



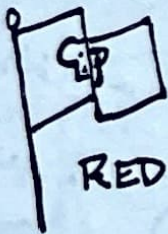
SAFETY. MATTERS.

BLAMELESS:

the way to be!

how do you think this could have happened?

..... unfortunately, not all companies are like this.



RED FLAG FOR QA...

how did you miss this?



is it weird to quit in three weeks?

Want better QA?

PROMOTE QA.



We need him.

- ask
- pair
- consider

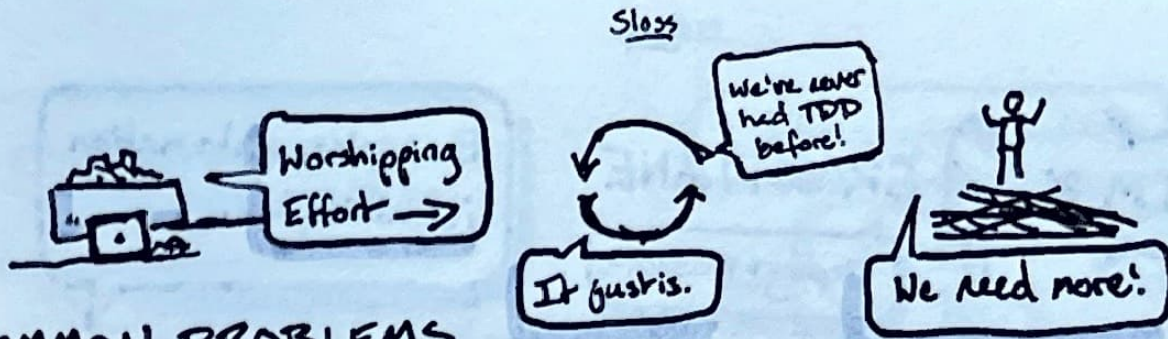
ENCOURAGE

and

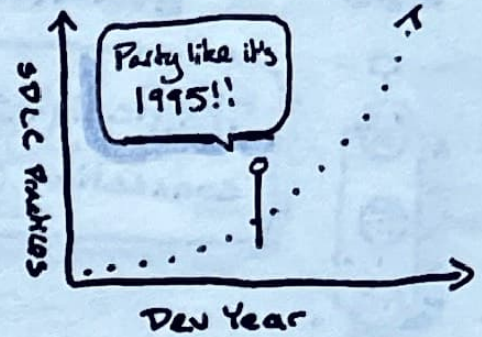
GROW QA



Why. Why. Why.



COMMON PROBLEMS



KNOWLEDGE ALONE WON'T FIX THIS.

1995	☒	SCRUM
...	...	...
2004	☒	Pair Programming
...	...	...
2021	☐	Code Assist/AI

Software Practices Timeline 4.0.xlsx



This isn't perfect, but you can observe problems in your teams.

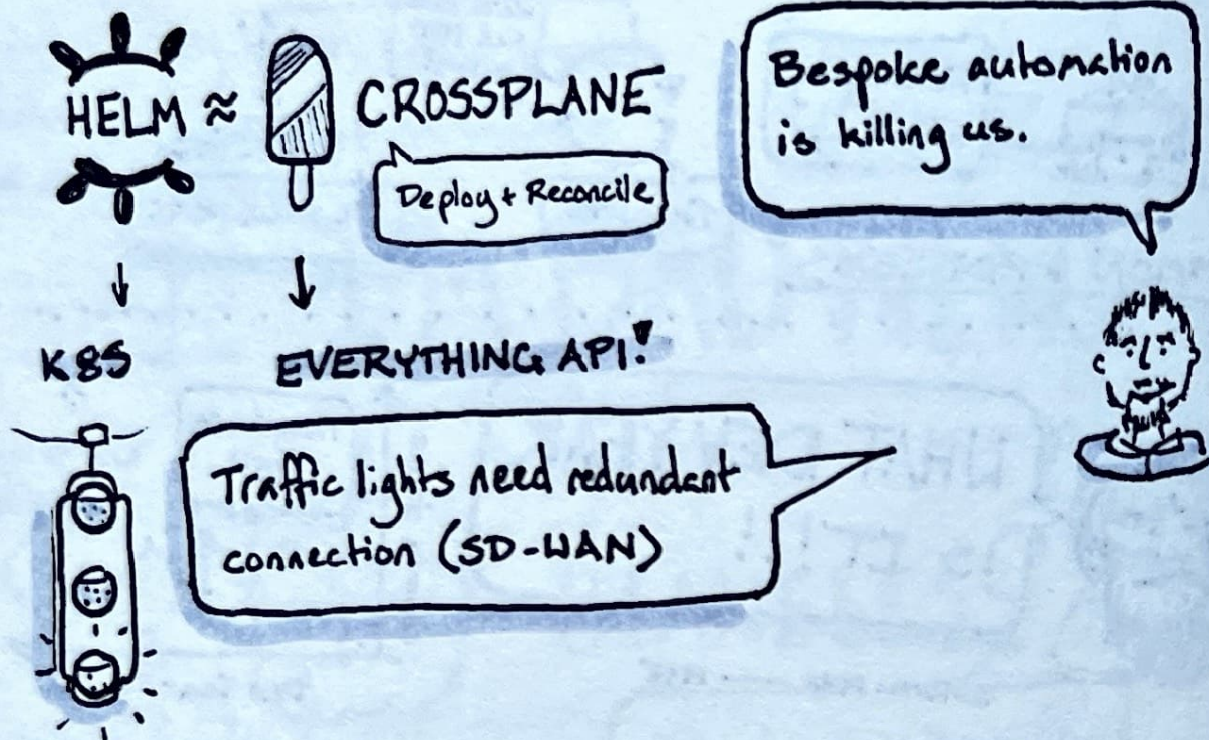
(on hiring well)

When you can +1600% your team with one hire, why quibble over \$10k?

Sometimes you just need to see the whole menu.

Essentially Free:

- Test Driven Development
- Agile Manifesto
- Refactor to Patterns
- Behavior Driven Development



If you can Helm, you can Crossplane.



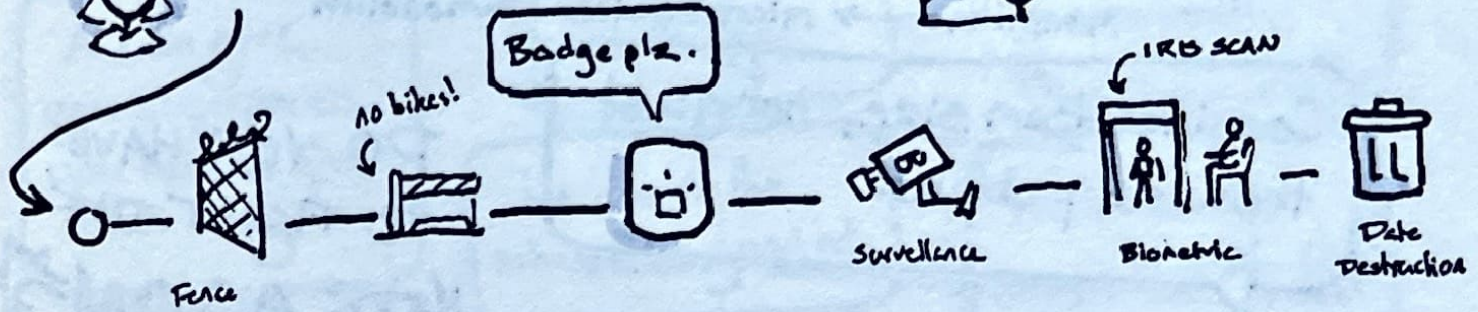
TIME $\rightarrow$ VALUE : Before: 2m, 3 teams, 40k
After: 3h, 1 eng, 0 dollars

Pick one thing, automate it.

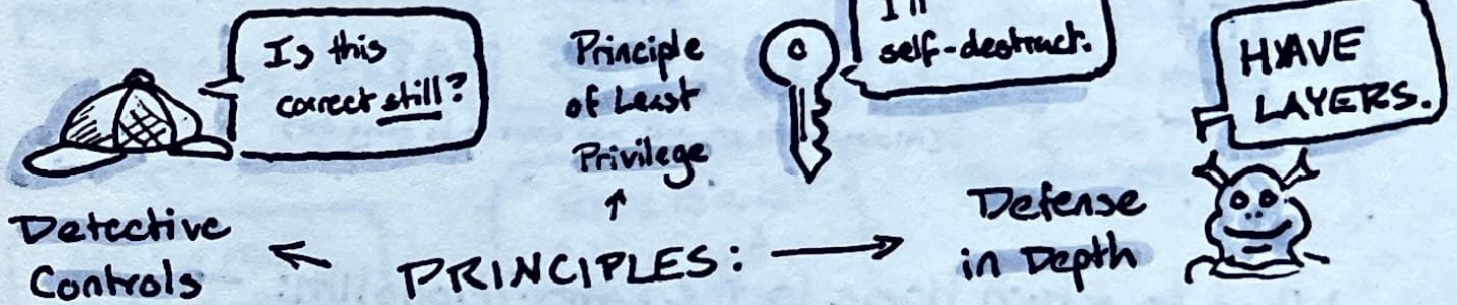
physical security informs cyber security.

I'd be a good auditor.

Physical Server Security:



LEVELS → +



Treat every layer as if it's your only layer.

There and back again... MONOLITHS.



I would prefer the dragons.

monolith → microservice → monolith

Consider team size, not just technical problems.

DO YOU HAVE TO FIGHT THE

DRAGON?

HELP!
I'm a microservice!



BEWARE OF FADS...

(microservices are new, and seem to be going out)

When to return home to the ~~Shire~~ Monolith: ↪



Define the path...

- metrics
- affected products

PRONE WHILE YOU MOVE...

(unify concepts + names)

RELEASE... CAREFULLY.

Feature Flags help.

I'm going back... for now.

I'm still relevant!



TECH IN THE AI ERA:

Moderator: Keyona Meekes

The struggle is real:
Lots of fear and uncertainty.



AI can give
you superpowers...
you have to give
them away.

don't replace
people...
supercharge
them.

seniors must
embrace mentoring
the next generation.

We have to evolve
and change.

We use AI for
what it is good at.

Your tools will
change.

There is a lot
of hype and
opportunity.

There is still
opportunity.

Find the right
people for mentor.

the professional
typewriters got new
jobs.

SOFT SKILLS MATTER.